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REG. SCHOL. WESTMON.

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TRIGONOMETRIA ARTIFICIALIS:

SIVE

MAGNVS CANON TRIANGVLORVM LOGARITHMICVS

ad Decadas Secundorum Scrupulorum constructus.

TRIGONOMETRIA ARTIFICIALIS:

SIVE

MAGNVS CANON TRIANGVLORVM LOGARITHMICVS,

Ad Radium 100000, 00000, & ad dena Scrupula Secunda, ab ADRIANO VLACCO Goudano Constructus,

Cui Accedunt

HENRICI BRIGGII Geometriæ Professoris in Academiâ Oxoniensi P. M. Chiliades LOGARITHMORVM Viginti pro numeris naturali serie crescentibus ab Vnitate ad 20000, unde Canon iste deductus est.

Ad quorum usum illustrandum, additus est Liber Secundus TRIGONOMETRIÆ BRITANNICÆ, in quo TRIANGULA PLANA & SPHÆRICA calculo facillimo, eximijsq; compendijs è Geometricis fundamentis petitis resolvuntur.

Ex Angulis Latera, vel ex Lateribus Angulos, et mixtim, in Triangulis tam planis quàm Sphæricis, assequi, summa gloria Mathematici est: Sic enim Cœlum, et Terras, et Maria fœlici et admirando calculo mensurat. *Franc. Vieta.*

GOVDÆ,

Excudebat Petrus Rammasenius

ANNO M.DC.XXXIII.

Cum Privilegio.

ILLVSTRISSIMO PRINCIPI AC DOMINO,

DN. CAROLO LVDOVICO,

COMITI PALATINO AD RHENVM. S. ROM. IMPERII ARCHIDAPIFERO & ELECTORI, DVCI BAVARIÆ, &c.

Domino suo Clementissimo.

ILLLVSTRISSIME PRINCEPS ELECTOR,

QVòd ILLVSTRISSIMÆ TVÆ CELSITVDINIS Nomen huic Libro præfixerim, eundemque ILLVSTRISSIMÆ TVÆ CELSITVDINI humiliter nunc offero, id quidem ex Æquitatis jure me debere existimo: Postquàm enim numeri hujus Canonis Triangulorum Logarithmici sunt derivati ex numeris eorum Naturalibus, quos OPVS PALATINVM insigni liberalitate & beneficentiâ SERENISSIMI PRINCIPIS FRIDERICI IV. TVÆ CELSITVDINIS AVI piæ ac laudatissimæ memoriæ in Mathematicæ disciplinæ Rempublicam collatum, mihi suppeditavit, æquum videbatur eundem sub ILLVSTRISSIMI PRINCIPIS PALATINI auspicio publicum facere, & debitæ meæ gratitudinis testimonium exhibere: præsertim cùm T. C. inter alias artes, scientias, atque linguas, in Mathematicis summâ industriâ verset, mirificéque delectetur. Quamobrem precor, ut hâc meâ qualicunque

operâ T. C. adjuta, tantò ferventiore zelo in hoc divino ſtudio continuet, quantò calculus Trigonometricus prę uſitatâ formâ per Sinus, Tangentes, & Secantes, facilior ac compendioſior hìc exhibetur; Quod ſi T. C. fecerit, magnum Nomen ad omnem poſteritatem ſibi comparabit, quemadmodùm GVILIELMVS HASSIÆ LANDGRAVIVS, & MAVRITIVS PRINCEPS AVRAICVS, TVÆ CELSITVDINIS ille AB-AVVNCVLVS, hic PRO-AVVNCVLVS, alijque laudatiſſimi Reges atque Principes, ex Mathematicarum artium doctrinâ ſummam gloriam ſunt adepti, adeò ut eorum Memoria etiamnùm à Nobis celebretur, & ad finem uſque Mundi honorificè celebrabitur.

Id faxit DEVS, ILLVSTRISSIMAMQVE TVAM CELSITVDINEM, unà cum ILLVSTRISSIMA TVÆ CELSITVDINIS MATRE, ILLVSTRISSIMISQVE FRATRIBVS ac SORORIBVS, diu incolumem ſervet, & pacificâ Hæreditatis Avitæ poſſeſſione quàmprimùm frui, imò florere, fœliciterque regnare dignetur.

Dabam GOVDÆ Annò N.C. 1633. Die 26 Aprilis.

ILLVSTRISSIMÆ T.C.

Addictiſſimus

A. Vlaccus.

PRÆFATIO AD LECTOREM.

Mirificus Logarithmorum usus à primo tempore quo illum cognovi, adeò Mihi semper arrisit Candide Lector, *ut quæcunque ad faciliorem & perfectiorem nobilissimæ Matheseos praxim illorum adjumento conducere videbantur, summis viribus promovere & publici juris facere conatus sim: Cum enim in primâ editione Londinensi* Arithmeticæ Logarithmicæ *Doctissimi* D. Henrici Briggii *Logarithmos numerorum à* 20000 *ad* 90000 *maximè desiderari vidissem, quanquàm sine multis vigiliis confici non poterant, incredibili tamen animi cum voluptate laborem istum aggrediebar, atque integrum Opus ad tempus Mihimet ipsi præfixum ad optatum finem perducebam. Rogatus deinde à Clarissimo Viro* D. Briggio P. M. *an* Canonem suum Sinuum, Tangentium, & Secantium, & Logarithmorum pro Sinubus & Tangentibus ad Gradus & Graduum Centesimas, & ad Minuta & Secunda Centesimis respondentia, *quem ante multos annos construxerat, Meis impensis & curâ typis mandare vellem, libentissimè voto ejus annui, tùm quòd* Graduum *partitio in* Centesimas *præ* Sexagenariâ *hactenus usitatâ longè præstantior propter facilitatem calculi Mihi videbatur, & à Viris quibusdam eruditissimis jamdudum æstimata est, tùm quòd insignem istum Geometram usum ejusdem Canonis elegantissimè illustraturum, omnibusque aliis qui in hoc genere scripserunt, palmam erepturum confidebã. Quod Opus* (Trigonometriã puta Britannicam) *licet Autor ipse propter subitam ejus è terris emigrationem haud integrum finierit, doctissimi tamen Viri* D. Henrici Gellibrand Astronomiæ in Collegio Greshamensi apud Londinenses Professoris & Mathematici solertissimi *operâ absolutum, etiam in lucem venire procuravi. Deinde mecum perpendens non omnes Mathematicarum artium cultores æquè avidè novum istum Canonem ad usus suos excepturos, cùm quòd natura plerorumque hominum ægrè propensa sit à consuetudine discedere, tùm quod Autores omnes Mathematici, quorum Opera in studiosorum manibus versantur, partibus* Graduum Sexagesimis *hactenus usi sunt; Videns quoque differentias Logarithmorum* Sinuum & Tangentium *in prioribus & posterioribus Quadrantis* Gradibus *valdè inæquales esse, imò magis enormiter discrepare quàm* Sinuum, Tangentium, & Secantium, *unde manifestum est per Canonem Logarithmorum pro* Sinubus & Tangentibus *ad* Gradus & Graduum Scrupula prima, *sive ad* Centesimas *constructum, desideratam exactitudinem quæ sæpissimè (præcipuè autem in* Astronomiâ) *requiritur, acquiri non posse, ut calculus Trigonometricus certior & facilior redderetur, placuit etiam* Canonem hunc Logarithmorum pro Sinubus & Tangentibus ad decades secundorum scrupulorum *ante annos tres à Me constructum, in eruditi hujus Orbis Solem producere.*

Scio Benjaminem Vrsinum Mathematicum Electoralis Brandenburgici *doctissimum simili ferè modo Canonem Logarithmorum ante annos aliquot edidisse, sed istorum species longè ab horum diversa est: Illi enim ex eodem fonte promanarunt unde Illustrissimus atque Ingeniosissimus Vir* D. Ioannes Neperus Baro Merchistonij *primus Logarithmorum inventor suos deduxit, quos primùm in lucem prodire voluit donec alij conficerentur, quos* D. Briggius *ex ejus sententiâ postmodùm construxit, unde hi quoque orti sunt: quorũ inventionis modus à Me servatus sic se habet. Primùm Logarithmos* Sinuum *à* 45 Grad. *usque ad finem Quadrantis qui habentur in* Opere Palatino, *investigavi ope* Chiliadum Centum Logarithmorum *de quibus supra dixi, juxta modum qui hic traditur pag.* 4. *quos adeò exactè ita acquisivi, ut in numeris tam magnis supra unitatem in postremâ eorum notâ nihil abundet sive deficiat. Ex illis deinde reliquos omnes Logarithmos* Sinuum *ab initio Quadrantis usque ad* 45 Gradus *per solam Additionem & Subductionem inveni juxta hanc Regulam;* Duorum arcuum Quadrantẽ conficientium, si Logarithmus Sinus minoris duplicati addatur Logarithmo Sinus 30 Graduum, & à summâ subtrahatur Logarithmus Sinus majoris, reliquus erit Logarithmus Sinus minoris; *Cujus rei demonstrationem videre licet in* Trigonometriâ Britannicâ Cap. 16. *Atque sic acquisitis Logarithmis* Sinuum, *Logarithmos* Tangentium *per solam Subductionem habere potui. Cum enim* Sinus *quilibet est ad* Sinum Complementi, *ut* Radius *ad* Tangentem, *&* Radius *sit medius proportionalis inter* Tangentes *arcus cujuslibet &* Complementi, *si è Logarithmis*

rithmis Sinuum *semiquadrantis* (*addito* Radii *Logarithmo*) *subtrahantur Logarithmi* Sinuum complementorũ, *comparantur Logarithmi* Tangentium *ejusdem semiquadrantis*; *quibus deinde subductis è duplo* Radii *Logarithmo, habemus Logarithmos* Tangentium *reliqui semiquadrantis: Atque ita totum Canonem absolvi. Quod autem Logarithmos* Secantium *omisi, has ob causas consultum duxi.* 1. *Ne Canon per se satis magnus in nimium volumen cresceret.* 2. *Quòd sine istis omnium Casuum resolutiones æquè commodè absolvi possint.* 3. *Quòd (si quis iis uti volet) facillimè inveniantur: Cùm enim* Radius *sit medius proportionalis inter* Sinum *quemlibet &* Secantem complementi, *si è duplo* Radii *Logarithmo auferatur Logarithmus* Sinus *alicujus arcus, restabit Logarithmus* Secantis complementi: *Quoniam verò Triangula Plana solius hujus Canonis ope resolvi non possunt, sed Logarithmi numerorum vulgarium istuc quoque requiruntur, ut Opus hoc ad integram Trigonometriam exercendam absolutum exhiberem, visum fuit adjungere Logarithmos numerorum ab Vnitate ad* 20000, *quorum ope negotium istud plenariè perfici poterit.*

Ad usum horum Logarithmorum in dimensionibus Triangulorum Planorum & Sphæricorum illustrandum, eandem formam secutus sum quæ habetur in Libro secundo Trigonometriæ Britannicæ, *paucis additis & ablatis prout diversitas instituti postulare videbatur. Postquam enim Industrius Vir* D. Henricus Gellibrand *multa nova eximiaque calculi compendia ibi exhibuit, perspicuas demonstrationes addidit, & concinnè admodùm omnia disposuit, putavi me rem Mathematum studiosis gratam utilemque facturum, si ea nnmeris hisce adaptarem.*

Quando numerus occurrit cui linea subscribitur, notæ illæ quæ supra lineam sunt descriptæ, Numeratorem partium constituunt, quarum Denominator semper intelligitur unitas cum tot cyphris quot sunt notæ superius positæ. Vt 3 43 *designant* $3\frac{43}{100}$. *Sic* gr. 22 : 53′ : 30″ 3679 *designant* gr. 22 : 53′ : 30″ & $\frac{3679}{10000}$ *partes scrupuli secundi.*

Postremò, Lectorem non ignorare velim, me in editione hujus Canonis Triangulorum *summam adhibuisse diligentiam, ut ab erratis Typographicis purus traderetur: scio enim quanti ea res sit momenti, & quàm fœdè doctorum Virorum Opera Typographorum negligentiâ sæpissimè contaminentur, atque ideò sedulus corrector ei semper adfui, numerosque omnes inter corrigendum diligenter examinavi, subducendo scilicet Logarithmos* Sinuum *semiquadrantis è Logarithmis* Sinuum suorum complementorum, *unde Logarithmos* Tangentium *provenire supra dixi, quos si in Canone respondere comperiebã, de impressionis eorum fide certus eram, sin minus, alicui illorum errorẽ inesse constabat, qui corrigendus erat. Eodem modo usus sum pro examinatione Logarithmorum* Tangentium, *eos scilicet subducendo è duplo* Radii *Logarithmo, unde Logarithmi* Tangentium suorum complementorum *procedere debebant; Et sic quoque differentias Logarithmorum omnes exploravi, addendo videlicet differentiam Logarithmorum* Sinus *cujusvis arcus & proximè sequentis, differentiæ Logarithmorum* Sinus complementi *ejusdem & proximè sequentis, quarum aggregatum ubique æquale esse oportet differentiæ Logarithmi* Tangentis *eiusdem arcus & immediatè sequentis: Quæ res quanti æstimanda sit, judicabunt qui intelligunt. Voluissem quidem similem curam adhibere pro reliquis numerorum vulgarium Logarithmis, nisi aliæ occupationes tùm temporis impedivissent; attamen erratis quæ post eorum impressionem animadverti, atque ad calcem Vigesimæ Chiliadis annotavi, correctis, habebis etiam istos numeros omni (uti confido) vitio carentes.* Vale.

TRIGONOMETRIÆ ARTIFICIALIS LIBER PRIMVS

De Triangulis Planis.

CAPVT PRIMVM.

PRiusquam ad Canonis nostri usum illustrandum accedamus, pauca de natura Logarithmorum quo possumus compendio præmittemus; ut qui Doctissimi *D. Briggij* Arithmeticam Logarithmicam non viderint, affectiones illorum ex iis cognoscant & suaviorem ex fructibus gustum percipiant.

Logarithmi sunt numeri qui proportionalibus adjuncti æquales servant differentias; ideoque non incommodè dici possunt *numerorum proportionalium comites æquidifferentes.*

Vt datis numeris continuè proportionalibus 1,2,4,8,16,32,64,128,256, poterunt iis pro Logarithmis adjungi numeri insigniti A, vel B, vel C, vel D, vel alij, modò hoc unicum observetur, ut Logarithmorum unâ crescentium vel decrescentium differentiæ sint æquales quoties numeri quibus sunt adjuncti sunt proportionales.

Numeri proportionales.	*Logar.* A	*Logar.* B	*Logar.* C	*Logar.* D
1	1	5	5	35
2	2	6	8	32
4	3	7	11	29
8	4	8	14	26
16	5	9	17	23
32	6	10	20	20
64	7	11	23	17
128	8	12	26	14
256	9	13	29	11

Atque ut natura & affectiones horum Logarithmorum melius cognoscantur, sequens Lemma consideretur.

LEMMA.

Si e quatuor numeris, quantum primus superat secundum, tantundem tertius superat quartum: erit summa primi & quarti æqualis summæ secundi & tertij. & contra.

Vt datis 9. 5. 15. 11. numerus primus 9 excedit secundum 5, quantum tertius 15, quartum 11, nempe 4; atque ideo summâ tam mediorum quam extremorum est 20. Itaque

E quatuor numeris proportionalibus, Logarithmus primi ablatus è summa Logarithmorum secundi & tertii, relinquet Logarithmum quarti.

Veluti si dati sunt tres numeri proportionales 64.8.256. & quæritur quartus, ad quem tertius eandem habet rationem quam primus ad secundum. Adde Logarithmos secundi & tertii 4 & 9 (in Columna A,) summa est 13, ex qua aufer Logarithmū primi 7, reliquus 6 erit Logarithmus 32 quarti proportionalis quæsiti.

Quia enim (ex hypothesi) primus numerus habet proportionem ad secundum quam tertius ad quartum: Logarithmi autem primi & secundi (ex eorum definitione) eandem habent differentiam quam Logarithmi tertij & quarti: Ideo (per Lemma) summa Logarithmorum primi & quarti æquatur summæ Logarithmorum secundi & tertii.

Licet autem possimus Logarithmorum plures species iisdem numeris ad hunc modum aptare, est tamen commodissimum unica tantum uti specie, eâque quæ o statuit pro Logarithmo unitatis, quod ea præ cæteris omnibus usum præbeat ad omnia accommodatissimum & maxime expeditum: quo posito hæc duo Axiomata maximi momenti necessariò consequuntur.

1. Primum. *Summam Logarithmorum facientium exhibere Logarithmum facti.* Cum enim ex multiplicationis lege, eadem sit ratio Vnitatis ad Multiplicantem, quę est Multiplicati ad Factum; Vnitatis autem Logarithmus sit o, manifestum est ex præcedentibus facti solius Logarithmum æquari Logarithmis facientium. Vt hic videmus.

		Logarithmi.
	1	0,00000
Factores	3	0,47712
	27	1,43136
Factus	81	1,90848

Quod si Factores plures fuerint; summa Logarithmorum eorum omnium erit Logarihmus facti. Vt sint Factores 2, 8, 64. numerus continue factus ab iisdem est 1024. Ajo hujus Logarithmum æquari Logarithmis trium illorum, ex quorum multiplicatione hic factus proveniebat. Vt hic videmus.

	Logarithmi.
2	0,30103
8	0,90309
64	1,80618
1024	3,01030

CONSECTARIVM.

Hinc manifestum est Logarithmum numeri alicujus duplicatum, esse Logarithmum Quadrati ejusdem numeri: Et Logarithmum numeri alicujus triplicatum, esse Logarithmum Cubi ejusdem numeri, &c.

	Logarithmi.	
16	1,20412	
256	2,40824	*dupl.*
4096	3,61236	*tripl.*

Veluti Logarithmus numeri 16 duplicatus, est Logarithmus 256 Quadrati ejusdem: & triplicatus est Logarithmus 4096 Cubi ejusdem. Vt hic videmus.

2. Secundum. *Logarithmum Divisoris ablatum e Logarithmo Dividendi, relinquere Logarithmum Quoti.* Hoc autem necessariò concluditur ex præcedente, quia factus a Divisore ducto in Quotum est ipse Divisus: Et idcirco ut unitas ad divisorem sic quotus ad divisum. Vt sit dividendus 128, divisor 4, quotus erit 32.

		Logarithmi.
Divisus	128	2,10721
Divisor	4	0,60206
Quotus	32	1,50515

Quod

Quod ſi plures Diviſores fuerint, ſumma Logarithmorum eorum omnium ablata e Logarithmo Dividendi relinquet Logarithmum Quoti. Vt ſit dividendus 105, diviſor 7, quotus erit 15, hunc quotum dividat denuo 5, quotus erit 3. Ajo ſummam Logarithmorum 7 & 5 ablatum e Logarithmo 105, relinquere Logarithmum 3. Vt hic videmus.

		Logarithmi.
Diviſor	7	0,84510
Diviſor	5	0,69897
Summa	35	1,54407
Dividendus	105	2,02119
Quotus	3	0,47712

CONSECTARIVM.

Hinc ſequitur ſemiſſem Logarithmi numeri alicujus, eſſe Logarithmum lateris Quadrati ejuſdem numeri: Et trientem Logarithmi numeri alicujus, eſſe Logarithmum lateris Cubici ejuſdem numeri, &c.

	Logarithmi.	
64	1,80618	
8	0,90309	*ſemiſſis.*
4	0,60206	*triens.*

Veluti ſemiſſis Logarithmi numeri 64. eſt Logarithmus 8 lateris Quadrati ejuſdem: & triens eſt Logarithmus 4 lateris Cubici ejuſdem. Vt hic videmus.

Atque hæc neceſſariò conſequuntur ſi ſtatuamus Logarithmum unitatis eſſe 0. Quo conſtituto, proximum eſt ut alius quæratur numerus, cujus uſus eſt frequentiſſimus & maximè neceſſarius, eique tribuamus Logarithmum aliquem commodum, qui facillimè & deſcribi quoties opus fuerit & memoria teneri poterit. Ex omnibus autem numeris, nullus videtur Denario præſtantior, aut huic negotio accommodatior, cujus Logarithmus eſto 1,00000,00000. Præcipui igitur Logarithmorum ſunt qui unitati tribuuntur & Denario, iſtis vero proximi iis numeris debentur qui in decupla ratione continuantur, nempe Centenario, Millenario, &c. qui omnes cyphris tantum deſcribuntur præter primam notam verſus ſiniſtram, quam *Characteriſticam* appellare poterimus, quod nobis indicet quot notis numerus integer progreditur ultra locum unitatis. Eandem etiam habent Characteriſticam reliqui numeri iiſdem proximi. Vnitatis nempe & omnium integrorum qui unica nota ſcribi poterunt (eorum ſcilicet qui ſunt Denario minores) Characteriſtica eſt 0. Denarii vero & reliquorum uſque ad Centenarium qui duabus notis ſunt deſcripti Characteriſtica eſt 1. A Centenario vero ad Millenarium 2. A Millenario ad decies mille 3. & ſic deinceps, creſcente ſemper Characteriſtica pro numero locorum ultra locum unitatis.

Quod ſi numero integro partes adhæſerint, licet totus numerus pluribus notis ſcribatur: ejus tamen Characteriſtica reſpicit tantum illas notas quibus integræ unitates ſcribuntur, reliquarum ſubſequentium notarum quibus partes adjunctæ exprimuntur nulla habita ratione. ut

	Logarithmi.		*Logarithmi.*
49	1,69019	$4\underline{9}$	0,69019
343	2,53529	$3\underline{43}$	0,53529
2401	3,38039	$2\underline{401}$	0,38039
16807	4,22549	$16\underline{807}$	1,22549

Vt Logarithmus 343 eſt 2,53529. cujus prima nota verſus ſiniſtram quam Characteriſticam appellamus eſt 2: quia datus numerus ſitus eſt inter Centenarium & Millenarium. At $34\underline{3}$ & $3\underline{43}$ licet eorum Logarithmi reliquas notas ſervent eaſdem, primas verſus ſiniſtram mutat uterque. Eſt enim hujus Logarithmus 0,53529 (eo quod $3\underline{43}$ eſt denario minor) illius verò 1,53529.

His Logarithmis ita positis, Logarithmi pro numeris intermediis illis ita sunt aptandi, ut summo consensu a principio ad finem usque iisdem legibus optemperent, eundemque quoties usus postulat effectum dent. Inventionis eorum & pro quolibet numero dato modus traditur in Arithmetica Logarithmica *D.Briggij*, juxta quem Canonem nostrum Logarithmorum pro Sinubus & Tangentibus ad Decades secundorum scrupulorum construximus, dimensionibus Triangulorum Sphæricorum præcipuè destinatum, licet & Triangula Plana ejusdem ope resolvi possunt, sed ad hoc Logarithmi quoque numerorum absolutorum requiruntur, atque ideo (ne quid hic desideretur) alteram Tabulam Logarithmorum pro numeris absolutis ab unitate ad 20000 huic pragmatiæ sufficientium, ex Arithmetica Logarithmica *D.Briggij* mutuatam, adjungere visum est, cujus usus consistit in inventione Logarithmorum pro numeris datis quibuscunque; & contra. Operæ pretium igitur erit docere quomodo Logarithmi pro numeris majoribus quam in Tabula continentur, & contra numeri datis quibuscunque Logarithmis congruentes, inveniendi sint. Id autem facilè & accuratè satis pro vulgari usu in dimensione Planorum fieri potest hoc modo.

1. *Quæratur in Tabula Logarithmus congruus quatuor sive quinque notis ad sinistram numeri dati, & observentur notæ remanentes.*
2. *Loco Characteristicæ Logarithmi inventi, substituatur alia numero dato propria.*
3. *Differentia Tabularis Logarithmi inventi & proxime sequentis ducatur in notas remanentes, & a facto abscissis ad dextram totidem notis, reliquus addatur Logarithmo prius invento: summa erit Logarithmus quæsitus.*

Exempli gratia. Scire cupio Logarithmum numeri 2084567839. Primò quæro in Tabula Logarithmum 2084 (nempe quatuor notarum ad sinistram) qui invenitur 3,31889,77146. Secundò pro Characteristica 3, substituo 9; nam in numero dato sunt decem notæ. Tertiò sumo differentiam Tabularem ejusdem Logarithmi & proxime sequentis, nempe 2083447, eamque duco in 567839 (notas in dato remansas;) factus est 1183062461033, a quo abscissis sex notis (totidem scilicet quot remanebant;) reliquus est 1183062, qui additus Logarithmo 9,31889,77146, dat summam 9,31901,60208 Logarithmum numeri 2084567839 quæsitum.

Cum autem hic Logarithmus vero aliquantulum sit minor, quod ex inæqualitate differentiarum Logarithmorum causatur, si quis exactiorem eum habere velit, commodissẽ & facillime eum invenire poterit ope Chiliadis vigesimæ primę quæ habetur in Arithmetica Logarithmica *D.Briggij* editionis Goudanæ, in qua habentur Chiliades Logarithmorum Centum, quorum Septuaginta antea desideratos (pro numeris scilicet a 20000 ad 90000) Nos construximus. Cui verò Opus istud præstò non est, multiplicet numerum datum in alium qui factum producat cujus quinque priores notæ versus sinistram incidant in Vigesimam Chiliadem (si commode fieri potest) sive in aliam quam proxime præcedentem, quia differentiæ Logarithmorum in posterioribus Chiliadibus a prædicto morbo fere liberæ sunt. Quærat deinde Logarithmum facti eodem quo præcedente modo, & ex eo subtrahat Logarithmum numeri assumpti pro multiplicante, reliquus erit verus numeri dati Logarithmus.

Vt in hoc Exemplo, multiplicetur 2084567839 in 9, factus est 18761110551, cujus Lorithmus modo præcedente invenitur 10,27325,85425, a quo auferatur 0,95424,25094 (Logarithmus 9;) reliquus 9,31901,60331 est verus Logarithmus quæsitus.

Quando hac scrupulositate opus non est, prior modus retineatur & notæ aliquot ad dextram tam e differentijs quam Logarithmis rejiciantur ut labor multiplicationis aliquantulum diminuatur: Sive potius differentia proportionalis addenda, Logarithmorum ope acquiratur.

Quod si investigandus esset Logarithmus numeri 2084 $\frac{5678}{}$ sive 20 $\frac{845678}{}$ &c. eodem modo operari deberemus quo invenimus Logarithmum integri numeri 20845678, Characteristicâ solâ mutatâ, nam illa numerum integrum respicit, ut supra monuimus. Et si Logarithmus quæritur 208400, vel 20840000 &c. idem erit qui 2084, solâ Characteristicâ auctâ pro numero cyphrarum ei adjunctarum.

Venia-

Veniamus jam ad modum investigandi numerum absolutum e dato quolibet Logarithmo qui in Canone non reperitur. Id autem viâ præcedenti contrariâ perficiendum est ut sequitur.

1. *Characteristicâ neglectâ, quære quatuor sive quinque notas respondentes in Tabula proxime minori Logarithmo; easque seorsum pone.*
2. *Differentiam Logarithmorum (dati scilicet & inventi) additis prius ad dextram tot cyphris quot notæ præter inventas desiderantur, divide per differentiam Tabularem Logarithmorum (dato scilicet proxime minoris & majoris:) quotus dabit notas seorsum positis ad dextram adjungendas, & sic habebis numerum quæsitum.*

Exempli gratia. Scire cupio numerum congruentem Logarithmo 9,31901,60331. Neglectâ Characteristicâ invenio Logarithmum in Tabula proxime minorem 31889,77146, eique respondere 2084, quas pro quatuor primis notis numeri quæsiti seorsum pono. Secundo Logarithmum inventum 31889,77146 a dato 31901,60331 subtraho, remanet differentia 1183185, cui adjungo sex cyphras (Characteristica enim dati Logarithmi 9 indicat numerum quæsitum constare decem notis, quarum sex investigandæ restant;) proveniunt 1183185000000, quo diviso per 2083447 (differentiam Tabularem) quotus erit 567898 numero prius seorsum posito 2084 adjungendus, atque ita provenit numerus quæsitus 2084567898.

Cum autem numerus hic vero aliquantulum major sit, quod ex differentiarum inęqualitate causatur, si quis perfectiorē eum habere velit, Logarithmo dato addat Logarithmum alicujus numeri, ut ex eorum aggregato emergat Logarithmus in vigesimam Chiliadem aut ei quàm proximè præcedentem incidens, & ex eo inveniat numerum absolutum ut antea, quo deinde diviso per numerum Logarithmi dato additi, quotus erit verus numerus quæsitus.

Veluti in hoc Exemplo. Logarithmo dato 9,31901,60331 addatur Logarithmus 9, videlicet 0,95424,25094, eorum aggregatum est 10,27325,85425, cujus numerus absolutus modo præcedente invenitur 18761110551, quo diviso per 9, quotus erit 2084567839 verus numerus quæsitus.

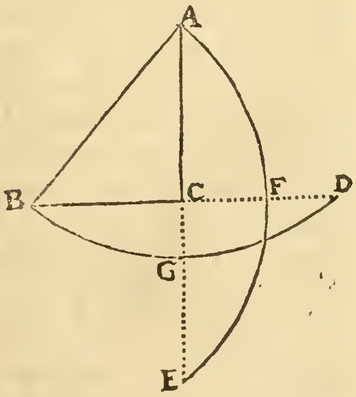
Vt minimo hæc cum labore fiant quando numeris adeo magnis opus non est, rejiciantur notę aliquot tam e differentijs quā Logarithmis, ut tædium divisionis aliquantulum levetur. Sive etiam Logarithmorum ope numerus quæsitus investigetur.

Atque hæc quoad præsens institutum nostrum de Logarithmis dixisse sufficiat. Qui plura desiderat, videat Arithmeticam Logarithmicam *D. Briggij*, ubi copiose reliqua tractantur.

CAPVT II.

PROP. I.

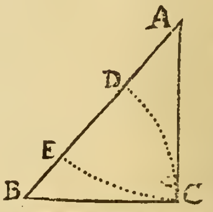
In Triangulo Rectangulo; *Si latus angulum rectum subtendens, fiat Radius Circuli; erunt crura Sinus angulorum oppositorum.*



In Triangulo Rectangulo A B C, intervallo A B, & e centris A & B describantur arcus B G D, & A F E; erunt crura A C & B C Sinus angulorum ad A & B: Sunt enim semisses subtensarum A C E, & B C D.

PROP. II.

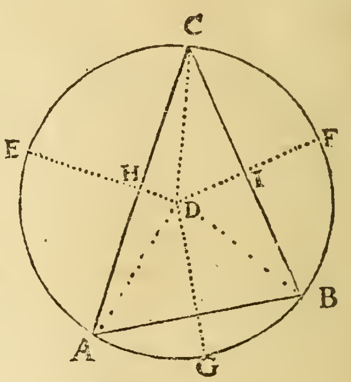
In Triangulo Rectangulo; *Si ex utriusvis acuti puncto angulari, & intervallo Cruris alterius, peripheria describatur; Crus alterutrum erit Radius, reliquum Crus Tangens, Hypotenusa autem (sive latus angulum rectum subtendens) Secans.*



In Triangulo Rectangulo A B C, e puncto angulari B, & intervallo cruris B C, peripheria describatur D C; erit B C Radius, A C Tangens, & B A Secans. Itidem si intervallo A C, peripheria describatur E C, erit A C Radius, B C Tangens, & A B Secans anguli B A C.

PROP. III.

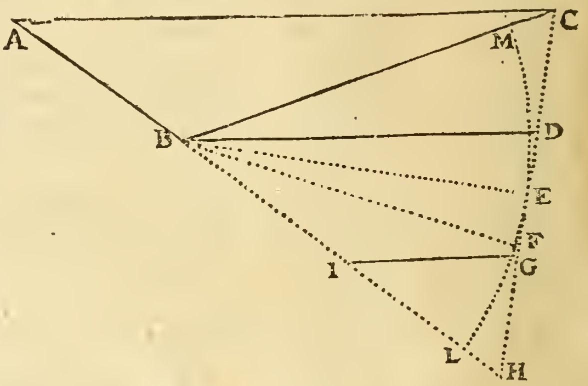
In quolibet Triangulo plano; *Latera Sinubus oppositorum angulorum sunt proportionalia; Et contra.*

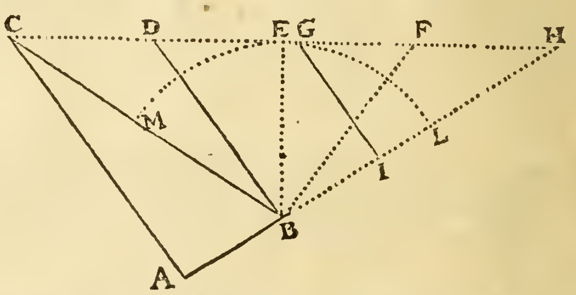


Sit Triangulum A B C, Circulo inscriptum, & e centro D ducantur Radii perpendiculares D F, D E, D G, tam peripherias quam peripheriarum subtensas bisecantes; Radius etiam ducatur D C. Quoniam itaque angulus in centro E D C æqualis est angulo in peripheria A B C; Et C D F æqualis C A B *per 20 prop. 3 Eucl.* Erunt proinde laterum semisses tanquam Sinus. Quam ergo rationem habet latus C A ad latus C B, eandem habet Sinus C H ad Sinum C I. Nam quæ est ratio totius ad totum, eadem est semissis ad semissem.

PROP. IIII.

In Quolibet Triangulo plano. *Ut summa duorum laterum, ad differentiam eorundem; sic Tangens semissis summæ angulorum oppositorum, ad Tangentem semissis differentiæ eorum.*





In Triangulo obliquangulo A B C, sint nota latera A B, C B, unà cum angulo A B C ab iisdem comprehenso, in superiore obtusangulo, acutangulo autem in inferiore. Et continuato latere A B in H usque, sit B H æqualis B C, & connectentur C & H. Sitque B I æqualis lateri A B. E signis quoque B & I ducantur rectæ B D & I G parallelæ lateri A C. Erit ergo angulus exterior C B H æqualis duobus interioribus oppositis *per 32 p. 1 Eucl.* Est enim angulus C B D æqualis angulo B C A; & D B H angulus, angulo C A B. A puncto præterea B perpendicularis ducatur B E, quæ C H bisecabit. Radio quoque B E peripheria ducatur M E L. Eritque C E Tangens semissis summæ angulorum oppositorum, & D E (qui & æqualis F E) Tangens semissis differentiæ. Quoniam itaque A C, B D, I G, sunt parallelæ, erunt C D, D G, F H æquales; & idcirco D F & G H æquabuntur. Aio itaque

Proport.
A H
I H
C H
G H = D F

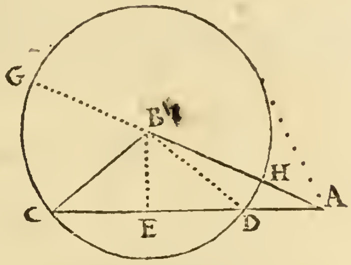
Vel per æquationem proportionis.

Proport.
A H *Summa duorum laterum.*
I H *Differentia duorum laterum.*
C E *Tangens ½ angulorum oppositorum.*
DE *Tangens ½ differentiæ angulorum.*

PROP.

PROP. V.

In quolibet Triangulo Plano. *Vt Basis, ad Summam laterum; ita Differentia laterum, ad Differentiam segmentorum Basis.*



In Triangulo obliquangulo A B C, sit Basis C A, Summa laterum G A, Differentia laterum H A, Differentia segmentorum Basis A D. Ducatur perpendicularis B E bisecans C D in E. Quoniam itaque oblongum A C, A D æquatur oblongo A G, A H *per* 36 *prop.* 3 *Eucl.* erunt propterea latera eorum reciproce proportionalia. Ajo itaque

per 4 Prop. 6 Euc.

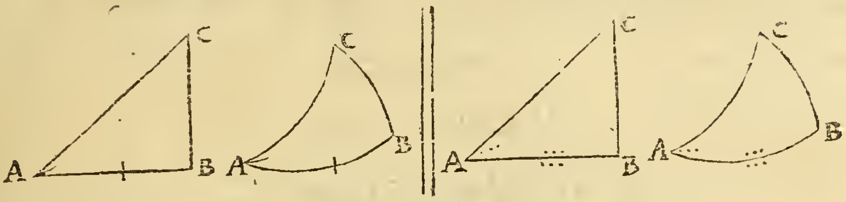
Proport.
- A C *Basis.*
- A G *Summa Laterum.*
- A H *Differentia Laterum.*
- A D *Differentia segmentorum Basis. Inde segmentum* A E *vel* C E.

CAPVT III.

De Dimensione Triangulorum Planorum Rectangulorum.

In Triangulorum omnium solutionibus exprimuntur

Data sic. *Quæsita sic.*



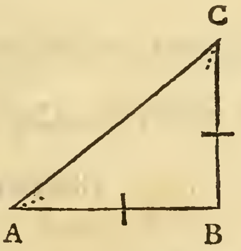
Præterea in Triangulis Rectangulis tam Planis quam Sphæricis, *Hypotenusa* dicatur latus subtendens angulũ rectum, ut Latus A C subtendens angulum A B C. *Crura* autem dicantur quæ angulum comprehendunt rectum, ut latera A B, B C.

PROBLEMA I.

Datis Cruribus,
Quæritur A N G V L V S *alteruter.*

In Triangulo Rectangulo A B C quæritur acutus alteruter

E datis Cruribus { A B 1123 7943 ; B C 605 8601 }



Termini Rationis.

Proport.
- *Crus alterum.*
- *Crus reliquum.*
- *Radius.*
- *Tangens anguli cruri reliquo oppositi.* per Prop. 2. Cap. 2.

Illustratio Arithmetica.

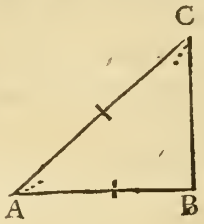
Proport.			*Log. Crurum. & Tang.*
Crus	A B	1123 7943	3,05068,681
Crus	B C	605 8601	2,78237,235
Radius	A B	. . .	10,00000,000
Tangens	B A C	gr. 28: 19′: 48″ . . .	9,73168,554

PROBLEMA 2.

Datis Crure & Hypotenusa,
Quæritur ANGULUS *alteruter.*

In Triangulo Rectangulo A B C quæritur Angulus acutus alteruter

E datis { Crure A B . . 1123 7943
E datis { Hypotenusa A C 1276 7067



Termini Rationis.

Proport.
- *Hypotenusa data.*
- *Crus datum.*
- *Sinus Totus.*
- *Sinus anguli cruri dato oppositi.* per Prop.1.Cap.2.

Illustratio Arithmetica.

Proport.				*Logarith. Lat. & Sin.*
Hypotenusa	A C	1276 7067	. . . .	3,10609,114
Crus . .	A B	1123 7943	. . . .	3,05068,681
Sinus Totus	A B C	*gr.*90:	. . . .	10,00000,000
Sinus . .	A C B	*gr.*61:40′:12″	. . .	9,94459,567

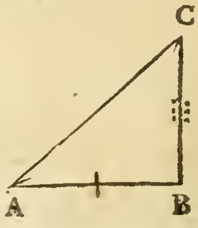
Cujus Complementum *gr.*28:19′:48″ est angulus reliquus B A C.

PROBL. 3.

Datis Angulis & Crure,
Quæritur CRUS *reliquum.*

In Triangulo Rectangulo A B C quæritur Crus B C

E datis { Crure A B . 1123 7943
E datis { Angulis { A C B *gr.*61:40′:12″
E datis { Angulis { B A C *gr.*28:19′:48″



Termini Rationis.

Proport.
- *Radius.*
- *Tangens anguli cruri dato contermini.*
- *Crus datum.*
- *Crus quæsitum.* per Prop 2.Cap.2.

Illustratio per numeros.

Proport.				*Log. Tang. & Crurum.*
Radius	A B	. . . .	. . .	10,00000,000
Tangens	B A C	*gr.*28:19′:48″	. . .	9,73168,554
Crus	A B	1123 7943	. . . . .	3,05068,681
Crus	B C	605 8601	. . . . .	12,78237,235

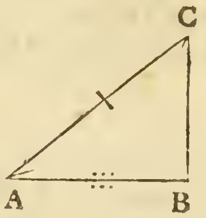
PROBL.

PROBL. 4.

Datis Hypotenusa & Angulis,
Quæritur CRUS *utrumlibet.*

In Triangulo Rectangulo A B C quæritur Crus A B

E datis { Hypotenusa A C 1276 7067
{ Angulis { A C B *gr.*61:40′:12″
{ B A C *gr.*28:19′:48″



Termini Rationis.

Proport. { *Sinus Totus.*
Sinus anguli Cruri quæsito contermini.
Hypotenusa data.
Crus quæsitum. per Prop.1.Cap.2.

Illustratio Arithmetica.

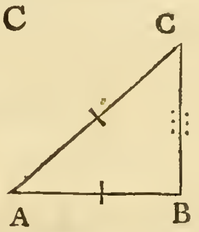
				Logarith.Sin.& Lat.
Proport.	Sinus Totus			10,00000,000
	Sinus	A C B	*gr.*61:40′:12″	9,94459,567
	Hypotenusa	A C	1276 7067	3,10609,114
	Crus	A B	1123 7943	13,05068,681

PROBL. 5.

Datis Hypotenusa & Crure,
Quæritur CRUS *reliquum.*

In Triangulo Rectangulo A B C quæritur Crus B C

E datis { Hypotenusa A C 1276 7067
{ Crure A B . . 1123 7943



Ad Problematis hujus & aliquorum sequentium solutionem per Canonem Triangulorum, duplex praxis requiritur, quarum prior angulum, posterior crus exhibet.

Termini Rationum.

I. per Probl.2

Proport. { *Hypotenusa data.*
Crus datum.
Sinus Totus.
Sinus anguli Cruri quæsito contermini. per Prop.1.Cap.2.

II.

Proport. { *Sinus totus.*
Sinus anguli Cruri dato contermini.
Hypotenusa data.
Crus quæsitum. } vel

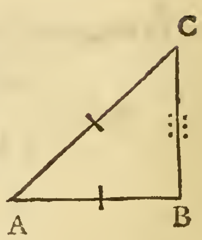
II. per Probl.3.

Proport. { *Radius.*
Tangẽs anguli Cruri dato contermini.
Crus datum.
Crus quæsitum.

Illuſtratio Arithmetica.

I.

				Log. Lat.& Sin.
Proport.	Hypotenuſa	A C	1276 7067	3,10609,114
	Crus	A B	1123 7943	3,05068,681
	Sinus Totus			10,00000,000
	Sinus Anguli	A C B	gr.61:40′:12″	9,94459,567



I I.

Proport.	Sinus Totus			10,00000,000
	Sinus Anguli	B A C	gr.28:19′:48″	9,67628,121
	Hypotenuſa	A C	1276 7067	3,10609,114
	Crus	B C	605 8601	2,78237,235

Poteſt etiam Problema hoc abſque Canone Triangulorum expeditius reſolvi per præceptum ſequens, cujus demonſtrationem vide in Arithmetica Logarithmica D.Briggii *Cap. 16. & 17. Editionis Goudanæ.*

Sumantur ſumma & differentia Hypotenuſæ & dati Cruris, & earum Logarithmi: ſemiſſis ſummæ Logarithmorum erit Logarithmus Cruris quæſiti.

Præcepti Illuſtratio Arithmetica.

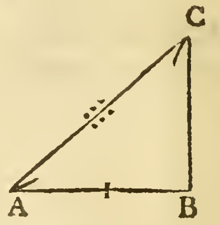
					Logarithmi.
Hypotenuſa	A C	1276 7067	Summa	2400 5010	3,38030,189
Crus	A B	1123 7943	Differentia	152 9124	2,18444,270
				Summa	5,56474,459
Crus quæſitum		605 8601		½ Summæ	2,78237,229

PROBL. 6.

Datis Angulis & Crure,
Quæritur HYPOTENVSA.

In Triangulo Rectangulo A B C quæritur Hypotenuſa A C

E datis { Crure A B 1123 7943; Angulis { A C B gr.61:40′:12″; B A C gr.28:19′:48″ }}



Termini Rationis.

Proport.
- *Sinus Anguli Cruri dato oppoſiti.*
- *Sinus Totus.*
- *Crus datum.*
- *Hypotenuſa quæſita,* per Prop.1.Cap.2.

Illuſtratio Arithmetica.

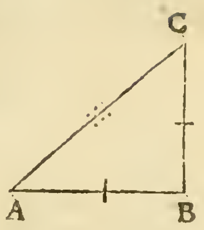
				Logarith.Sin.& Lat.
Proport.	Sinus Anguli	A C B	gr 61:40′:12″	9,94459,567
	Sinus Totus			10,00000,000
	Crus datum	A B	1123 7943	3,05068,681
	Hypotenuſa	A C	1276 7067	3,10609,114

PROBL.

PROBL. 7.

Datis Cruribus,
Quæritur HYPOTENUSA.

In Triangulo Rectangulo A B C, quæritur Hypotenusa A C



E datis Cruribus { A B 1123 7943 / B C 605 8601

Termini Rationum.

I. Pro Angulo acuto alterutro.

Proport. { *Crus alterum.* / *Crus reliquum.* / *Radius.* / *Tangens Anguli Cruri reliquo oppositi.* per Prop.1. Cap.3.

II. Pro Hypotenusa.

Proport. { *Sinus Anguli Cruri oppositi.* / *Sinus Totus.* / *Crus illi Angulo oppositum.* / *Hypotenusa quæsita.* per Probl.6.

Illustratio Arithmetica.

	I.	*Log. Crur. & Tang.*
Proport.	Crus A B 1123 7943	3,05068,681
	Crus B C 605 8601	2,78237,235
	Radius A B	10,00000,000
	Tangens anguli B A C *gr.* 28:19′:48″	9,73168,554
	II.	*Log. Sin. & Lat.*
Proport.	Sinus anguli C A B *gr.* 28:19′:48″	9,67628,121
	Sinus Totus	10,00000,000
	Crus B C 605 8601	2,78237,235
	Hypotenusa A C 1276 7067	3,10609,114

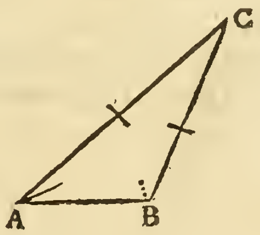
CAPUT IV.

De Dimensione Triangulorum Planorum Obliquangulorum.

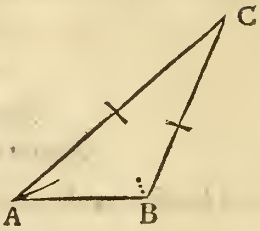
PROBLEMA 1.

Datis duobus Lateribus & Angulo alteri datorum opposito,
Quæritur ANGULUS *Lateri reliquo oppositus.*

In Triangulo Obliquangulo A B C, quæritur Angulus obtusus A B C



E datis { Lateribus { A C 1276 7067 / B C 865 1765 } / Angulo B A C *gr.* 37:26′:43″ }



Termini Rationis.

Proport. { *Latus alterum.*
Latus reliquum.
Sinus Anguli Lateri alteri oppositi.
Sinus Anguli Lateri reliquo oppositi. per Prop.3.Cap.2.

Illustratio Arithmetica.

		Log.Lat.& Sin.	
Proport. Latus B C	865 1765	2,93710,471	
Latus A C	1276 7067	3,10609,114	
Sinus anguli B A C	*gr*.37:26′:43″	9,78390,603	
		12,88999,717	*Summa.*
Sinus anguli A B C	*gr*.116:12′:24″	9,95289,246	*Differ.*

Hinc per Complementum reliquus angulus A C B *gr*.26:20′:53′.

NOTA.

Si datus angulus sit obtusus, latus ei oppositum erit majus utrolibet reliquorum, & reliqui duo anguli erunt acuti.

Sin datus angulus sit acutus & dentur latera, incertum erit an angulus lateri majori oppositus sit obtusus, rectus, an acutus; Idem tamē erit quartus proportionalis, Sinus nempe anguli acuti vel Complementi ejus ad duos rectos.

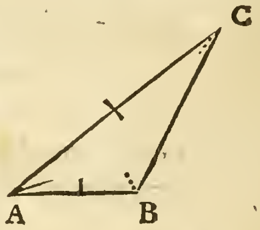
Vt igitur scire possimus qualis sit angulus qui maximo lateri opponitur, sumantur summa & differentia maximi lateris & medii (vel minimi) earumque Logarithmi; Et si horum semissis æquetur Logarithmo tertii lateris, angulus maximo lateri oppositus est rectus. Sin Logarithmus tertii lateris fuerit major semisse, angulus erit acutus; sin minor, obtusus. Quemadmodum admonuit doctissimus *D. Briggius* ad Cap. 16. Arithmeticæ Logarithmicæ Editionis Goudanæ.

PROBLEMA 2.

Datis duobus Lateribus cum Angulo ab iisdem comprehenso,
Quæritur ANGVLVS *alteruter reliquorum.*

In Triangulo Obliquangulo A B C, quæritur Angulus alteruter ad B vel C

E datis { Lateribus { A C 1276 7067
A B 631 5525
Angulo B A C *gr*. 37:26′:43″.



Termini Rationis.

Proport. { *Summa Laterum.*
Differentia Laterum.
Tangens semissis summæ Angulorū oppositorum; vel semissis compl. Anguli comprehensi.
Tangens semissis differentiæ Angulorum oppositorum. per Prop.4. Cap.2.

Illustra-

Illuſtratio per numeros.

Latus A C	. . . .	1276 7067
Latus AB	. . . .	631 5525
Summa laterum	. . . .	1908 2592 D
Differentia laterum	. . .	645 1542 E
Angulus datus comprehenſus		gr. 37:26′:43″
Summa reliquorum	. . .	gr. 142:33′:17″
Semiſſis ſummæ	. . . .	gr. 71:16′:38″ F

Proport.		Log. Lat. & Tang.	
Summa laterum	D 1908 2592	3,28063,736	
Differentia laterum	E 645 1542	2,80966,353	
Tangens ½ ſummæ angulorum	F gr. 71:16′:38″	10,46989,706	
		13,27956,059	Summa.
Tangens ½ differentiæ	gr. 44:55′:44″	9,99892,323	Differentia.

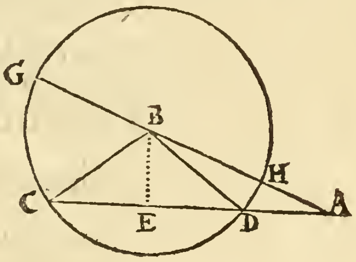
Huic ½ ſummæ angulorum . . gr. 71:16′:38″ . . . . gr. 71:16′:38″
Si addatur ½ differentiæ . . . gr. 44:55′:44″ } { Sin ſubtrahantur gr. 44:55′:44″
Conflatur angulus obtuſus A B C gr. 116:12′:22″ } { Reſtat acutus ACB 26:20′:54″

PROBL. 3.

Datis ſingulis Lateribus,
Quæritur A N G V L V S *quilibet.*

In Triangulo Obliquangulo A B C, quæritur Angulus quilibet, puta A C B

E datis ſingulis Lateribus { A C . . 1276 7067; A B . . 865 1765; B C . . 631 5525 }



Ad hujus Problematis ſolutionem duæ requiruntur operationes; Prior pro ſegmento Baſis D A; Poſterior pro Angulo quæſito.

I. Pro ſegmento D A.

Termini Rationis.

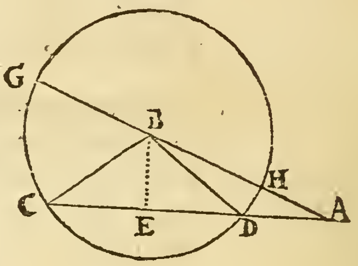
Proport.
- *Latus maximum ſive Baſis.*
- *Summa reliquorum.*
- *Differentia reliquorum.*
- *Differentia ſegmentorum Baſis.*

Illuſtratio per numeros.

Proport.			Logar. Lat.
Latus maximum A C	. . . .	1276 7067 . .	3,10609,114
Summa reliquorum A B, B C	.	1496 7290 . .	3,17514,317
Differentia reliquorum H A	. .	233 6240 . .	2,36851,745
			5,54366,062
Differentia ſegmentorum Baſis A D		273 8858 .	2,43756,948
Differentia hujus & Baſis C D	.	1002 8209	
Cujus ſemiſſis C E vel D E	.	501 41045	
Inde A E	. . . .	775 29625	

His segmentis instructi, alterutri Trianguli Rectanguli Angulos venari poterimus *per Probl.2.Cap.3.* Nos vero Angulum E C B selegimus.

Termini Rationis.



Proport. { *Hypotenusa data.*
Crus datum.
Sinus Totus.
Sinus Anguli Cruri dato oppositi.

Illustratio Arithmetica.

			Log.Lat. & Sin.
Proport.	Hypotenusa C B	631 5525 .	2,80040,946
	Crus . . C E	501 41045 .	2,70019,334
	Sinus Totus		10,00000,000
	Sinus anguli C B E *gr.*52:33':16'' . . .		9,89978,388
	Cujus compl. E C B *gr.*37:26':44''		

Idem labor repetendus est in Triangulo A E B, ut Anguli innotescant reliqui.

Poterit etiam hoc Problema expeditè magis solvi, idque unica operatione per Præceptum sequens, cujus fundamentum petendum est e doctissimi *D. Briggij* Arithmetica Logarithmica Cap. 16.

De Dimidio collectorum Laterum, Latera sigillatim subducantur; Et summa Logarithmorum semissis summæ Laterum & differentiæ Lateris Angulum quæsitum subtendentis, auferatur e summa Logarithmorum reliquarum differentiarum & duplicati Radij; semissis reliqui erit Logarithmus Tangentis semissis Anguli quæsiti.

Quæratur Angulus a Latere maximo subtensus, videlicet A B C.

Præcepti illustratio Arithmetica.

		Logarithmi.	
Latus A C	1276 7067		
Latus A B	865 1765		
Latus B C	631 5525		
Summa laterum	2773 4357		
Semissis summæ . . .	1386 71785 .	3,14198,810	
Differentia Lateris A C .	110 01115 .	2,04143,670	
Summa		5,18342,480	L
Differentia Lateris A B .	521 54135 .	2,71728,875	
Differentia Lateris B C .	755 16535 .	2,87804,205	
Radius 100000,00000. Duplus Radij Log.		20,00000,000	
Summa		25,59533,080	M
Summa		5,18342,480	L
Differentia		20,41190,600	
Semissis differ.		10,20595,300 est Logarithmus Tangentis *gr.* 58: 6':11'' ½	

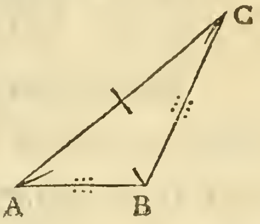
Cujus duplum est *gr.*116:12':23'' Angulus A B C quæsitus.

PROB.

PROBLEMA 4.

Datis Angulis & Latere,
Quæritur LATVS *alterutrum reliquorum.*

In Triangulo Obliquangulo A B C quæritur Latus alterutrum, puta B C



E datis
- Angulis
  - B A C *gr.* 37:26′:43″ ½
  - A C B *gr.* 26:20′:53″ ½
  - A B C *gr.* 116:12′:23″
- Latere · A C $1276\,\underline{7067}$

Termini Rationis.

Proport.
- *Sinus Anguli Lateri dato oppositi.*
- *Sinus Anguli Lateri quæsito oppositi.*
- *Latus datum.*
- *Latus quæsitum.* per Prop. 3. Cap. 2.

Illustratio Arithmetica. Pro B C.

Proport.	*Log. Sin. & Lat.*
Sinus anguli A B C *gr.* 63:47′:37″	9,95289,368
Sinus anguli B A C *gr.* 37:26′:43″ ½	9,78390,730
Latus A C $1276\,\underline{7067}$	3,10609,114
	12,88999,844
Latus B C $865\,\underline{1765}$	2,93710,476

Pro A B.

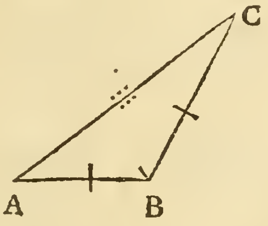
Proport.	
Sinus anguli A B C *gr.* 63:47′:37″	9,95289,368
Sinus anguli A C B *gr.* 26:20′:53″ ½	9,64721,187
Latus A C $1276\,\underline{7067}$	3,10609,114
	12,75330,301
Latus A B $631\,\underline{5523}$	2,80040,933

PROBL. 5.

Datis Lateribus duobus cum Angulo ab iisdem comprehenso,
Quæritur LATVS *reliquum.*

In Triangulo Obliquangulo A B C quæritur Latus A C

E datis
- Lateribus
  - C B $865\,\underline{1765}$
  - A B $631\,\underline{5525}$
- Angulo A B C *gr.* 116:12′:23″



Primò quærantur Anguli reliqui *per Probl. 3. hujus.*
Deinde acquisitis Angulis indagamus Latus reliquum *per Problema immediatè præcedens.* Exemplis non opus est.

Vt

Vt ad Trianguli cujusvis Plani dimensionem necessaria promptissime inveniri possint, sequentem omnium Casuum Indicem subjicio.

Triangulorum Planorum RECTANGVLORVM

Datis *Cruribus*, quæritur ANGVLVS alteruter: per Probl. 1. CAP. 3.

Datis *Crure & Hypotenusa*, quæritur ANGVLVS alteruter: per Probl. 2.

Datis *Augulis & Crure*, quæritur CRVS reliquum: per Probl. 3.

Datis *Hypotenusa & Angulis*, quæritur CRVS utrumlibet: per Probl. 4.

Datis *Hypotenusa & Crure*, quæritur CRVS reliquum: per Probl. 5.

Datis *Angulis & Crure*, quæritur HYPOTENVSA: per Probl. 6.

Datis *Cruribus*, quæritur HYPOTENVSA: per Probl. 7.

Triangulorum Planorum OBLIQVANGVLORVM

Datis *Lateribus duobus & Angulo alteri datorum opposito*, quæritur ANGVLVS Lateri reliquo oppositus: per Probl. 1. CAP. 4.

Datis *Lateribus duobus cum Angulo ab iisdem comprehenso*, quæritur ANGVLVS alteruter reliquorum: per Probl. 2.

Datis *singulis Lateribus*, quæritur ANGVLVS quilibet: per Probl. 3.

Datis *Angulis & Latere*, quæritur LATVS alterutrum reliquorum: per Probl. 4.

Datis *Lateribus duobus cum Angulo ab iisdem comprehenso*, quæritur LATVS reliquum: per Probl. 5.

TRI-

TRIGONOMETRIÆ ARTIFICIALIS LIBER SECVNDVS

De Triangulis Sphæricis.

CAPVT PRIMVM.

TRianguli Sphærici latera ſimul ſumpta, ſunt minora duobus ſemicirculis. *Reg*.39.3.

Trianguli Sphęrici tres anguli ſimul ſumpti, duobus rectis ſunt majores, vel ſex rectis minores. *Reg*.49.3.

In quolibet Triangulo Sphærico duo anguli majores ſunt differentiâ inter reliquum & ſemicirculum. Itaque
Continuato latere angulus exterior duobus interioribus oppoſitis minor eſt.

In quolibet Triangulo Sphærico, differentia ſummæ duorum angulorum & integri Circuli major eſt differentiâ reliqui anguli & ſemicirculi.

Trianguli Sphærici Rectanguli crura ſunt ejuſdem affectionis cujus ſunt anguli ipſis oppoſiti. *Reg*.3.4.

Trianguli Sphærici Rectanguli, ſi crus alterum ſit quadrans, erit etiam hypotenuſa quadrans: Sin utrumque ſit affectionis ejuſdem, hypotenuſa erit quadrante minor; ſin diverſæ, major. Et contra. *Reg*.4. & 5.4.

Trianguli Sphærici Rectanguli, ſi alteruter angulorum ad hypotenuſam rectus ſit, hypotenuſa erit quadrans; Sin uterque affectionis ejuſdem, minor; ſin diverſæ, major. Et contra. *Reg*.6.7.4.

In Triangulo Sphærico Rectangulo, uterlibet obliquorum major eſt complemento alterius, minor autem differentiâ ejuſdem complementi ad ſemicirculum.

Trianguli Sphærici Obliquanguli, ſi omnes anguli acuti ſint, erit latus quodvis quadrante minus. *Reg*.9.4.

Trianguli Sphærici Obliquanguli; Si duo anguli acuti æquales ſint, erunt latera iis oppoſita quadrantibus minora; ſin obtuſi, majora. *Reg*.10.11.4.

Trianguli Sphærici Obliquanguli, ſi duo anguli acuti inæquales ſint, erit latus minori eorum oppoſitum quadrante minus; ſin obtuſi maiori, majus. *Reg*.12.13.4.

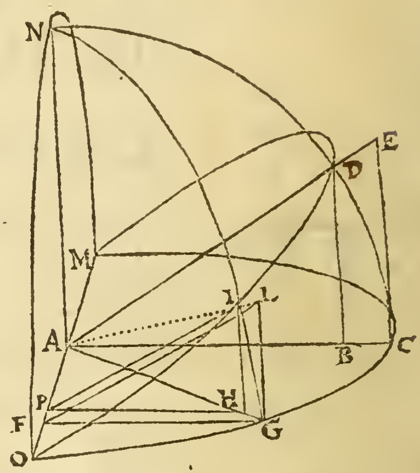
In quolibet Triangulo Sphærico Obliquangulo, ſi anguli ad Baſim ſint ejuſdem affectionis, perpendicularis a vertice cadit Intra; at Extra ſi diverſæ. *Reg*.8.4.

CAPUT II.

AXIOMA I.

In Triangulis Sphæricis Rectangulis, si idem sit angulus acutus ad Basim,

Sinus Hypotenusarum, Sinubus suorum perpendicularum sunt proportionales; & contra.



Sit M C O N quarta Sphæræ pars; M C O semissis plani Æquinoctialis; cujus polus N. O I D M semissis plani Eclipticæ. N D C quadrans Coluri Solstitiorum: M N O semissis plani Coluri Æquinoctiorum. N I G quadrans Circuli alicujus Meridiani, qui cum Coluris, Æquatorem ad angulos rectos, Eclipticam verò ad obliquos secat. In hac Sphæræ quadrante duo constituuntur Triangula Sphærica Rectangula D O C & I O G quorum Hypotenusæ sunt D O & I O. Perpendiculares D C, I G. Bases autem O C & O G. Angulus ad Bases acutus D O C, I O G. Sinus verò Hypotenusarum O D, O I sint rectæ A D Sinus Totus, & P I. Sinus perpendicularium D C, I G sint rectæ D B, I H. Ajo Sinus Hypotenusarum A D, P I Sinubus perpendicularium D B, I H proportionales esse. Et contra.

Sunt enim Triangula B A D, P H I, similia. Quia rectæ D B, I H perpendiculares insistunt eidem plano; Et parallelæ etiam D A, I P, sunt in eodem Eclipticæ plano, eandemque habent inclinationem; Anguli item D B A, D A B, angulis I H P, I P H æquantur, ergo & reliqui A D B, P I H æquantur. Quoniam itaque Triangula sunt æquiangula, sunt etiam & latera eorum homologa proportionalia. Ajo itaque

Proport.	*Sinus Hypotenusæ* A D	. P I.		Proport.	*Sinus Perpendic.* D B	. I H.
	Sinus Perpendic. D B	. I H.	Et contra		*Sinus Hypotenusæ* D A	. I P.
	Sinus Hypotenusæ P I	. A D.			*Sinus Perpendic.* I H	. D B.
	Sinus Perpendic. I H	. D B.			*Sinus Hypotenusæ* I P	. D A.

Quod erat demonstrandum.

AXIOMA II.

In Triangulis Sphæricis Rectangulis, si idem sit angulus acutus ad Basim,

Sinus Basium, Tangentibus suorum Perpendiculorum sunt proportionales; Et contra.

In præcedente schemate & iisdem Triangulis D O C, I O G, Sinus Basium O C & O G sunt A C & F G; Tangentes autem Perpendiculorum D C, I G sunt C E & G L. Ajo Sinus Basium A C, F G Tangentibus Perpendiculorum C E, G L. Item Tangentes Perpendiculorum C E, G L Sinubus Basium A C, F G proportionales esse.

Proport.	*Sinus* A C	. F G.		Proport.	*Tang. Perpendic.* C E	. G L.
	Tang, Perpendic. C E	. G L.	Et contra		*Sinus* C A	. G F.
	Sinus F G	. A C.			*Tang. Perpendic.* G L	. C E.
	Tang. Perpendic. G L	. C E.			*Sinus* G F	. C A.

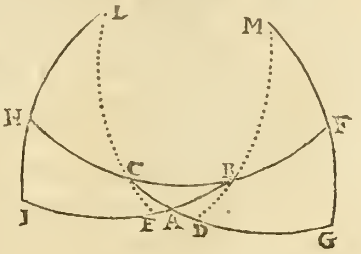
Axiomatis hujus demonstratio iisdem nititur fundamentis quibus & superioris, Ideoque repetito labore non opus est.

Con-

Consectarium 1.

Si a duobus angulis Trianguli, perpendiculares ducantur in latera opposita; Sinus Angulorum, Sinubus Perpendicularium sunt directe proportionales; Et contra. per Axiom. 1.

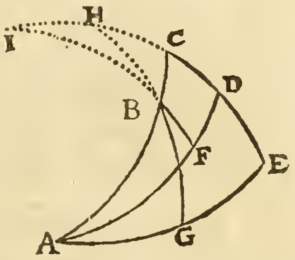
In Triangulo A B C, a polis M & L ducantur perpendiculares C E, B D in latera opposita & continuata, & sint arcus H I, F G mensuræ angulorum C B A, B C A. Ajo Sinum anguli C B E (id est Sinum arcus H I) esse ad Sinum anguli B C A (vel arcus F G) ut Sinus C E ad Sinum B D. Sunt enim



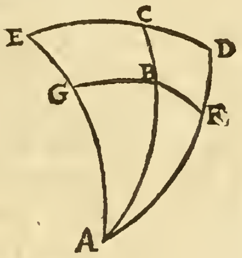
Proport. { *Sinus Totus* B H . . C F. / *Sinus* H I . . F G. / *Sinus* B C . . C B. / *Sinus* C E . . B D. } Ergo Proport. { H I. / C E. / F G. / B D. } & alterne Proport. { H I. / F G. / C E. / B D. }

Poterimus etiam Consectarium istud aliter exprimere, hunc scilicet in modum. Si tres Arcus majorum Circulorum in eodem puncto concurrant. & a quolibet puncto unius ducantur perpendiculares ad reliquos,

Sinus Angulorum a dictis perpendicularibus subtensorum, Sinubus Perpendicularium sunt proportionales; Et contra.



Sint tres Arcus majorum Circulorum A C, A D, A E, concurrentes in puncto A; a puncto etiam B & e polis I & H ducantur B F, B G, perpendiculares arcubus A D, A E. Sunto etiam C D, C E mensuræ angulorum C A D, C A E. Ajo Sinus C D, C E Sinubus perpendicularium B F, B G, proportionales esse. Nam



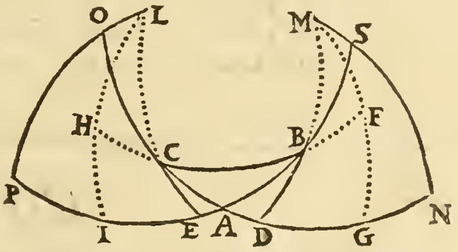
Proport. { *Sinus Totus* A C . A C. / *Sinus Hyp.* A B . A B. / *Sinus Ang.* C D . C E. / *Sinus Perp.* B F . B G. } Ergo Proport. { C D / B F / C E / B G } Et contra Proport. { B F. / C D. / B G. / C E. }

Quod erat demonstrandum.

Consectarium 2.

Si duo arcus perpendiculares subtendant angulos æquales; Sinus Perpendicularium, Sinubus Hypotenusarum sunt proportionales; & contra.

Sint Anguli C A E, B A D æquales, quia verticales, quos subtendant perpendiculares C E, B D a polis scil: L & M ducti. Ajo Sinus perpendicularium C E, B D Sinubus Hypotenusarum C A, B A, proportionales esse; Et contra. Est enim Sinus anguli S A N (id est arcus S N) æqualis Sinui O P vel anguli O A P. Ajo itaque.



Proport. { *Sinus* S N . O P. / *Sinus Totus* S A . O A. / *Sinus Perp.* B D . C E. / *Sinus Hyp.* B A . C A. } Ergo Proport. { *Sinus Perp.* B D. / *Sinus Hyp.* B A. / *Sinus Perp.* C E. / *Sinus Hyp.* C A. } Et contra Proport. { *Sinus Hyp.* B A. / *Sinus Perp.* B D. / *Sinus Hyp.* C A. / *Sinus Perp.* C E. }

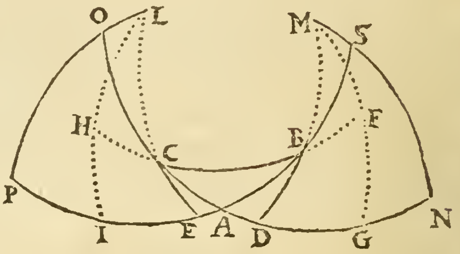
Quod erat demonstrandum.

Con-

Conſectarium 3.

Sinus Angulorum Sinubus oppoſitorum Laterum ſunt Proportionales; & contra.

Eſto Triangulum Obliquangulum adjuncti ſchematis C A B. Ajo Sinus angulorum C B A, B C A eſſe Sinubus laterum C A, B A proportionales: Sunt enim Sinus angulorum H I, F G proportionales Sinubus perpendicularium C E, B D *per Conſect.*1. Item Sinus Hypotenuſarum C A, B A proportionales iiſdem Sinubus perpendicularium C E, B D *per Conſectar.*2. Ajo itaque.

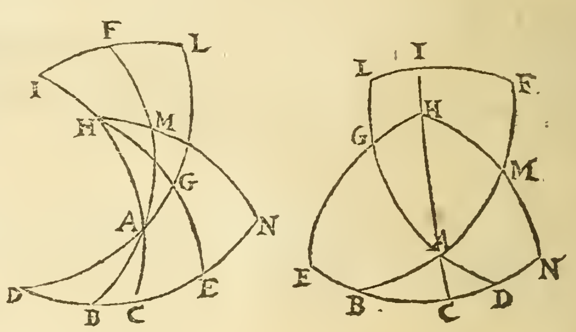


Proport. { *Sinus anguli* H I. / *Sinus Hypot.* C A. / *Sinus anguli* F G. / *Sinus Hypot.* B A. } Et contra *Proport.* { *Sinus Hyp.* C A. / *Sinus ang.* H I. / *Sinus Hyp.* B A. / *Sinus ang.* F G. } Quod erat demonſtrandum.

Conſectarium 4.

In Triangulis Obliquangulis: *Si perpendicularis ducatur ab angulo verticali in latus oppoſitum (ſi opus ſit continuatum;) Sinus complementorum angulorum ad Baſim, Sinubus angulorum ad verticem ſunt directè proportionales; Et contra.*

In Triangulo Obliquangulo A B D, a vertice A ducatur perpendicularis A C. Et continuatis lateribus B A, D A unà cum perpendiculo A C uſque ad quadrantes, videlicet A L, A F, A I; ab A vertice deſcribatur peripheria I F L, menſura angulorum verticalium I A F, I A L, qui æquantur angulis B A C, D A C. Et a punctis angularibus B & D arcus quadrantales deſcribantur H G E, H M N.



Ajo Sinus H G, H M (complementorum ſcilicet angulorum ad Baſim A D B, A B C,) Sinubus angulorum ad verticem L I, F I, proportionales eſſe. Sunt enim *per Conſect.*1.

Proport. { *Sinus* A H . A H. / *Sinus Totus* A I . A I. / *Sinus* H G . H M. / *Sinus* I L . I F. } Ergo *Proport.* { *Sinus* H G. / *Sinus* H M. / *Sinus* I L. / *Sinus* I F. } Et contra

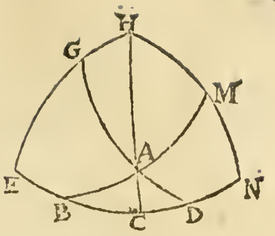
Quod erat demonſtrandum.

Conſectarium 5.

In Triangulis Obliquangulis: *Si perpendicularis ducatur ab angulo verticali in latus oppoſitum (ſi opus ſit continuatum;) Sinus complementorum ſegmentorum Baſis, Sinubus complementorum laterum anguli verticalis a quo perpendicularis ducitur, ſunt directe proportionales.*

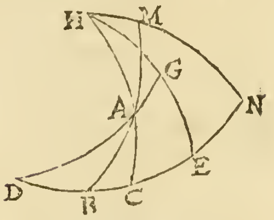
In

In Triangulo Obliquangulo A B D, a vertice A cadat perpendicularis A C in Basim D B, quæ cum lateribus continuetur ad quadrantes usque. Ajo Sinus complementorum segmentorum Basis C N, C E, Sinubus complementorum laterum A M, A G, proportionales esse. Sunt enim *per Consect.* 1.



Proport.	*Sinus Totus*	H C H C.	Ergo *Proport.*	*Sinus* C N.	Et contra	*Proport.*	A M.
	Sinus	H A. H A.		*Sinus* AM.			C N.
	Sinus	C N. C E.		*Sinus* C E.			A G.
	Sinus	A M. A G.		*Sinus* A G.			C E.

Quod erat demonstrandum.



Consectarium 6.

In Triangulis Obliquangulis: *Si perpendicularis ducatur ab angulo verticali in latus oppositum (si opus sit continuatum;) Sinus segmentorum Basis, Tangentibus angulorum Basi conterminorum, sunt reciproce proportionales; Et contra.*

In Triangulo Obliquangulo superioris schematis A B D, a vertice A ducatur perpendicularis A C in Basim D B; quæ cum lateribus continuetur usque ad quadrantes. A punctis quoque angularibus D & B & e polo H describantur arcus quadrantales H E, H N. Ajo Sinus segmentorum Basis C D, B C, Tangentibus angulorum conterminorum N M, E G, esse reciproce proportionales. Sunt enim *per Axioma* 2.

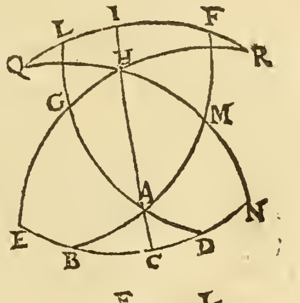
Proport.	*Sinus*	D C. B C.	*Ergo exclusis intermedus, erunt*	*Proport.*	*Sinus* D C.	& alterne	*Proport.*	B C.	Et contra.
	Tang.	C A. C A.			*Sinus* B C.			D C.	
	Radius	D E. B N.			*Tang.* NM.			E G.	
	Tang.	E G. NM.			*Tang.* E G.			NM.	

Quod erat demonstrandum.

Consectarium 7.

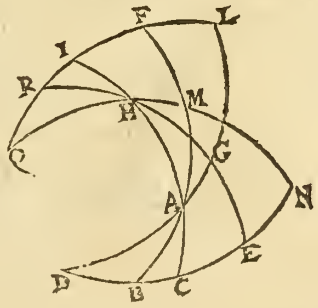
In Triangulis Obliquangulis: *Si perpendicularis ducatur ab angulo verticali in latus oppositum (si opus sit continuatum;) Sinus complementorum angulorum verticalium, Tangentibus laterum sunt reciproce proportionales; & contra.*

In Triangulo Obliquangulo A B D, a vertice A peripheria describatur Q I R, nec non a punctis angularibus B & D peripheriæ N M Q, E G R. Continuatisque lateribus A B, A D, unà cum perpendiculari A C ad F, L & I usque, erunt Tangentes L G, F M æquales lateribus A D, A B. Erunt etiam arcus I R, I Q Sinus complementorum angulorum verticalium C A D, C A B, quorum mensuræ sunt L I, I F. Ajo itaque Sinus I R, I Q complementorum angulorum verticalium, Tangentibus laterum F M, L G reciproce proportionales esse. Sunt enim *per Axioma* 2.



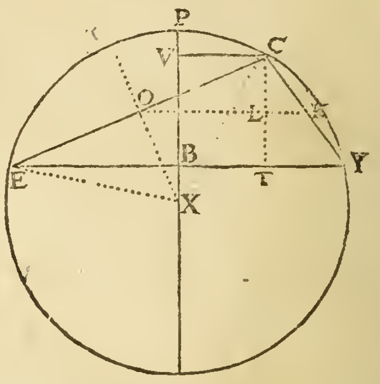
Proport.	*Sinus*	Q I. R I.	*Ergo exclusis intermedüs, erunt*	*Proport.*	*Sinus* Q I.	Et inversè	R I.	et contra.
	Tang.	I H. I H.			*Sinus* R I.		Q I.	
	Radi.	Q F. R L.			*Tang.* L G.		F M.	
	Tang.	F M. L G.			*Tang.* F M.		L G.	

Quod erat demonstrandum.



LEMMA.

Datis duorum arcuum Sinubus versis, erunt Sinus recti semisummæ & semidifferentiæ eorundem arcuum, medii proportionales inter Sinum Totum & semissem differentiæ Sinuum versorum.



Sunto arcus dati P E, P C & eorum Sinus versi P B, P V, quorum differentia est B V. Summa datorum arcuum sit E P C; Differentia eorundem C Y. Esto Sinus semisummæ E O vel O C. Sinus semidifferentiæ C K. Ajo E O, C K, medios proportionales esse inter X E, C L.

Sunt enim anguli E X O, C Y T, C K L æquales *per* 20.*Prop*.3. Et anguli ad O & L recti. Sunt igitur Triangula X E O, K C L similia, & X E, E O; K C, C L proportionales. Quod erat demonstrandum.

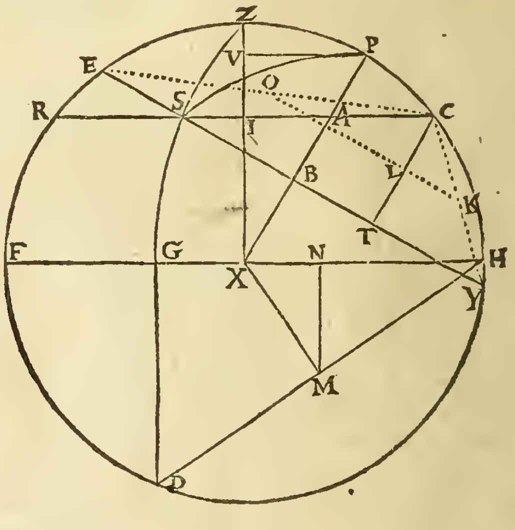
Consectarium.

Si Triangulum E C Y circulo inscribatur, & ab angulo quolibet E C Y ducatur perpendicularis C T in latus oppositum E Y: Semisses crurum dicti anguli O C, C K sunt medii proportionales inter semissem perpendicularis C L, & semidiametrum X E. Rectangula ergo O C, C K: X E, C L æquantur.

PROPOSITIO.

In Triangulis Sphæricis universis quibus nota sunt latera, erunt

Proport.
- *Rectangulum e Sinubus Laterum Angulum verticalem comprehendentium.*
- *Quadratum Radii.*
- *Rectangulum e Sinubus semisummæ & semidifferentiæ Basis & differentiæ Crurum.*
- *Quadratum Sinus semissis Anguli verticalis.*



Esto Triangulum datorum laterum P Z S; & sit angulus verticalis P Z S. Erunt Z S alterum Crus & Z C æqualia, & P C differentia Crurum: Erunt etiam P S Basis anguli verticalis, & P Y, P E æquales, & C E summa Basis & differentię Crurum, & C Y differentia earundem. Hæc omnia cognita sunt. Ducantur P V Sinus Cruris P Z, & C I Sinus reliqui Cruris Z S qui continuetur in S. Ducantur item C T perpendicularis rectæ E Y, & O L K bisecans rectas E C, S C, C T, C Y. Sit etiam arcus H D mensura anguli verticalis P Z S, & recta M N perpendicularis rectæ H G bisecet rectas H G, H D; Ajo

Proport.
- Rectangulum e Sinubus datorum laterum P V, C I.
- Quadratum Radii P X.
- Rectangulum e Sinubus ½ summæ & ½ differentiæ Basis & differentiæ Crurum; O C, C K.
- Quadratum Sinus semissis anguli verticalis H M.

Sunt

Sunt enim Triangula X P V, X A I, S A B, S C T æquiangula, ac propterea

Proport. { C T, C S, P V, P X } Item Proport. { C S., H G., C I., H X. } Et idcirco oblonga ista proportionalia erunt { Oblong: C T, C S. / Oblong: C S, H G. / Oblong: P V, C I. / Oblong: P X, H X. }

Sunt etiam

Proport. { C T., H G., P V, C I obl:, P X quadrat: } vel Proport. { C L . ., H N . ., P V, C I obl:, P X Quadrat: } { sunt enim semisses rectarum C T, H G. } Item Proport. { C L., H N., C L, H X obl:, H N, H X obl: }

At verò æquantur *per Lemma*, oblonga { C L, H X. / O C, C K. } Item { Obl. H N, H X. quia sunt ut altitudines C L, H N. / Quadratum H M. *per Consect.2. el.4.l.8.Rami.* }

Sunt igitur

Proport. { Oblongum P V, C I. / Quadratum P X. / Oblongum O C, C K. / Quadratum H M. } Quod erat demonstrandum.

CAPVT III.

De Triangulorum Sphæricorum Rectangulorum Dimensione.

ADminiculis hisce instructi, intima Triangulorum Sphæricorum adita penetrare non erit difficile: Primò itaque Rectangulorũ solutiones aggredimur.

Cum in omni Triangulo tria sunt latera & totidem anguli, si in Triangulo Sphærico harum sex partium aliqua sit graduum 90, reliquarum partium duę quæ proxime adjacent parti graduum 90, unà cum complementis trium reliquarum, dicuntur a viro Clarissimo *Barone Marchistonii* quinque partes circulares, quarum si duæ datæ fuerint, quælibet e tribus reliquis facile invenitur. Sunt enim

1. *Radius & Sinus cujuslibet partis assumptæ, medii proportionales inter Tangentes partium utrinque assumptæ parti proximarum vel circumpositarum.*

Sunt etiam (si pars assumpta sit remotior a duabus reliquis)

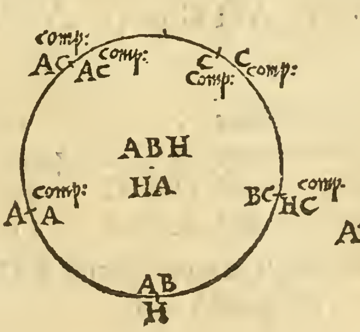
2. *Radius & Sinus partis assumptæ, medii proportionales inter Sinus complementorum partium oppositarum.*

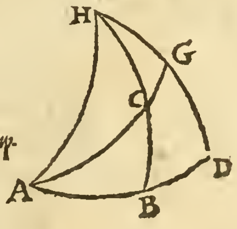
Et si partes sumantur quatuor

3. *Sinus complementorum partium mediarum, sunt medii proportionales inter Tangentes extremarum.*

Tertia hæc Propositio licet vera sit, nullum tamen commodum habet usum, cum duæ datæ partes sufficiant ad expeditam inventionem tertiæ partis cujuscunque.

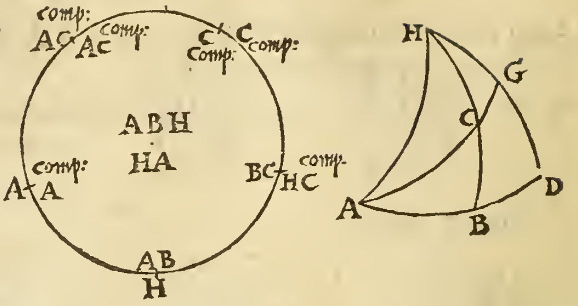
Quò hæc omnia sint magis manifesta, partes circulares Trianguli Rectanguli A B C sitæ sunt intra circulum; suntque singula latera quadrantibus minora, & anguli duo acuti: Partes autem Trianguli Obliquanguli A C H sunt positæ extra Circulum, suntque latera duo minora quadrantibus, & anguli his lateribus op-





positi

poſiti ſunt acuti, tertius angulus quadranti oppoſitus eſt obtuſus. Atque ut Propoſitionum iſtarum veritas facilius percipiatur, harum partium Logarithmos apponendos cenſui, ut eorum æqualitatem poſſimus de Sinuum & Tangentium proportionibus indicare.



			Logar. Sinuum.	*Log. Tangentium.*
Latus A B vel Angulus A H B	*gr.*47: 0′: 0″		9,86412,74638	10,03034,41335
B D complementum	43: 0′: 0″		9,83378,33303	9,96965,58665
Latus B C vel compl. lateris C H	*gr.*22:53′:30″	3679	9,58994,02341	9,62556,68364
C H complementum	67: 6′:29″	6321	9,96437,33977	10,37443,31636
Complementum Anguli A C B	*gr.*70: 3′:44″	0601	9,97315,72340	10,44040,38994
	19:56′:15″	9399	9,53275,33346	9,55959,61006
Complementum Lateris A C	*gr.*38:55′:25″	3557	9,79815,67280	9,90718,64982
Latus A C	51: 4′:34″	6443	9,89097,02298	10,09281,35018
Complementum Anguli B A C	*gr.*60: 0′: 0″		9,93753,06317	10,23856,06274
Complementum	30: 0′: 0″		9,69897,00043	9,76143,93726

Atque ut utriuſque Propoſitionis exemplũ videamus, ſunto datę partes AB, BC; & quæratur pars proxima, videlicet complementum Anguli A C B.

Poopors.			*Log. Tang. & Sin.*
	Tangens A B	*gr.*47: 0′: 0″	10,03034,41335
	Radius		10,00000,00000
	Sinus B C	22:53: 30 3679	9,58994,02341
	Tangens compl. A C B	19:56: 15 9399	9,55959,61006

Sin quæratur Latus A C per Propoſitionem ſecundam.

Proport.			*Log. Sinuum.*
	Sinus Totus		10,00000,00000
	Sinus Compl. B C	*gr.*67: 6′:29″ 6321	9,96437,33977
	Sinus Compl. A B	43: 0: 0	9,83378,33303
	Sinus Compl. A C	38:55:25 3557	19,79815,67280

Si quæratur Angulus B A C.

Proport.			*Log. Tang. & Sin.*
	Tangens B C	*gr.*22:53′:30″ 3679	9,62556,68364
	Radius		10,00000,00000
	Sinus A B	47: 0: 0	9,86412,74638
	Tangens Compl. B A C	60: 0: 0	10,23856,06274

Idcirco in Triangulo Rectangulo datis duabus e quinque partibus circularibus, inveniri poterunt tres reliquæ.

Quod ſi datæ ſint duæ partes circulares in Triangulo Quadrantali A C H, inveniuntur tres reliquæ eodem fere modo.

Sunto dati Anguli A H C *gr.*47: 0′: 0″. H A C *gr.*60: 0′: 0″. Et quæratur Angulus A C H.

Proport.			*Log. Sinuum.*
	Sinus Totus		10,00000,00000
	Sinus compl. A H C	*gr.*43: 0′: 0″	9,83378,33303
	Sinus compl. H A C	30: 0: 0	9,69897,00043
	Sinus compl. A C H	19:56:15 9399	19,53275,33346

Exceſſus Anguli obtuſi A C H ſupra rectum, vel Complementum Anguli A C B.

Si

Si quæratur A C. Partes datæ H A C, A H C; pars quæsita complementum A C. Hæ tres sunt partes proximæ vel contiguæ, intermedia est H A C.

			Log. Tang. & Sin.
Poopört.	*Tangens Anguli* A H C	*gr.* 47: 0′: 0″	10,03034,41335
	Radius		10,00000,00000
	Sinus Anguli H A C	60: 0: 0	9,93753,06317
	Tangens compl. A C	38:55:25 3557	9,90718,64982
	Ergo A C est	51: 4:34 6443	

Si quæratur H C, non differt investigationis modus ab eo qui traditur pro inventione lateris A C. Anguli H A C & A H C & latus H C sunt partes circulares proximæ. & idcirco

			Log. Tang. & Sin.
Proport.	*Tangens Anguli* H A C	*gr.* 60: 0′: 0″	10,23856,06274
	Radius		10,00000,00000
	Sinus Anguli C H A	47: 0: 0	9,86412,74638
	Tangens Compl. H C	22:53:30 3679	9,62556,68364
	Ergo H C est	67: 6:29 6321	

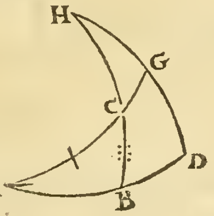
Poterimus igitur in hujusmodi Triangulis, uti vel hac generali regulâ licet magis obscurâ, vel particularibus illis quæ singulis datorum & quæsitorum Casibus inserviunt, & sigillatim demonstrationibus firmantur. Generalis autem illa regula poterit non difficulter ab hisce particularibus demonstrationes mutuare prout particulares Casus exigere videbuntur, ut eadem utrobique certitudo retineatur. Sit itaque

PROBLEMA 1.

Datis Hypotenusa & Angulo ipsi contermino,
Quæritur C R V S *Angulo dato oppositum.*

In Triangulo Rectangulo A B C quæritur Crus B C,

Datis { Hypotenusa A C *gr.* 51: 4′:34″ 6443
Angulo B A C *gr.* 30: 0′: 0″



Termini Rationis.

Proport. { *Sinus Totus.*
Sinus Anguli dati.
Sinus Hypotenusæ.
Sinus Cruris quæsiti.

Illustratio per numeros.

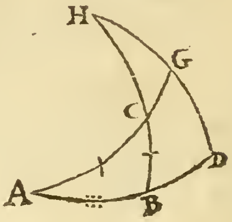
			Log. Sinuum.
Proport.	Sinus Totus A G	*gr.* 90: 0′: 0″	10,00000,00000
	Sinus Anguli G D	30: 0: 0	9,69897,00043
	Sinus Hypot. A C	51: 4:34 6443	9,89097,02298
	Sinus Cruris C B	22:53:30 3679	19,58994,02341

PROBLEMA 2.

Datis Hypotenuſa & Crure,
Quæritur CRVS *reliquum.*

In Triangulo Rectangulo A B C quæritur Crus A B,

Datis { Hypotenuſa A C *gr*.51: 4:34'' 6443
Crure . B C *gr*.22:53':30'' 3679



Termini Rationis.

Proport. { *Sinus complementi Cruris dati.*
Sinus Totus.
Sinus complementi Hypotenuſæ.
Sinus complementi Cruris quæſiti.

Illuſtratio per numeros.

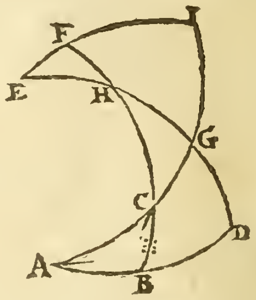
Proport.				*Log. Sinuum.*
	Sinus . .	H G	*gr*. 67: 6':29'' 6321 . .	9,96437,33977
	Sinus Totus	H B	90: 0: 0 . . .	10,00000,00000
	Sinus . .	C G	38:55:25 3557 . .	9,79815,67280
	Sinus . .	B D	43: 0: 0 . . .	9,83378,33303
	Compl. .	A B	. 47: 0: 0: eſt Crus quæſitum.	

PROBL. 3.

Datis Angulis obliquis,
Quæritur CRVS *utrumlibet.*

In Triangulo Rectangulo A B C quæritur Crus B C,

Datis Angulis { A C B *gr*.70: 3':44'' 0601
B A C *gr*.30: 0': 0''



Termini Rationis.

Proport. { *Sinus Anguli Cruri quæſito contermini.*
Sinus complementi Anguli Cruri quæſito oppoſiti.
Sinus Totus.
Sinus complementi Cruris quæſiti.

Illuſtratio Arithmetica.

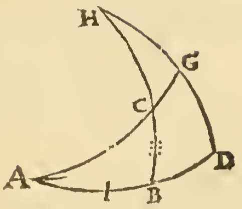
Proport.				*Log. Sinuum.*
	Sinus . .	F I	*gr*.70: 3':44'' 0601 . .	9,97315,72340
	Sinus . .	H G	60: 0: 0	9,93753,06317
	Sinus Totus	F C	90: 0: 0	10,00000,00000
	Sinus . .	H C	67: 6:29 6321 . .	9,96437,33977
	Compl. .	C B	. 22:53:30 3679 eſt Crus quæſitum.	

PROBL. 4.

Datis Crure & Angulo Cruri dato contermino,
Quæritur C R V S *reliquum.*

In Triangulo Rectangulo A B C quæritur Crus B C,

Datis { Crure . A B *gr.*47: 0′: 0″
Angulo B A C, *gr.*30: 0′: 0″:



Termini Rationis.

Proport.
- *Radius.*
- *Tangens Anguli obliqui dati.*
- *Sinus Cruris dati.*
- *Tangens Cruris quæsiti.*

Illustratio Arithmetica.

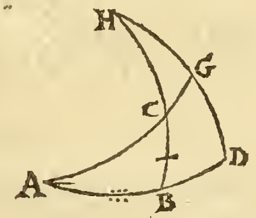
Proport.				*Log.Tang.& Sin.*
	Radius	A D	*gr.* 90: 0′: 0″	10,00000,00000
	Tangens	D G	30: 0: 0	9,76143,93726
	Sinus	A B	47: 0: 0	9,86412,74638
	Tangens	B C	22:53:30 3679 . . .	19,62550,68364

PROBL. 5.

Datis Crure & Angulo ipsi opposito,
Quæritur C R V S *reliquum.*

In Triangulo Rectangulo A B C quæritur Crus A B,

Datis { Crure . B C *gr.*22:53′:30″ 3679
Angulo B A C *gr.*30: 0′: 0″



Termini Rationis.

Proport.
- *Tangens Anguli obliqui dati.*
- *Radius.*
- *Tangens Cruris dati.*
- *Sinus Cruris quæsiti.*

Illustratio Arithmetica.

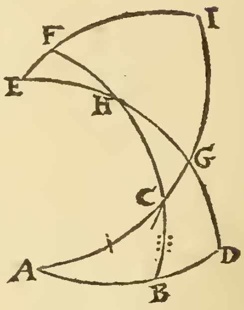
Proport.				*Log.Tang.& Sin.*
	Tangens	D G	*gr.* 30: 0′: 0″	9,76143,93726
	Radius	A D	90: 0: 0	10,00000,00000
	Tangens	B C	22:53:30 3679 . . .	9,62556,68364
	Sinus .	A B	47: 0: 0	9,86412,74638

PROBLEMA 6.

Datis Hypotenusa & Angulo,
Quæritur CRUS *Angulo dato conterminum.*

In Triangulo Rectangulo A B C quæritur Crus B C,

Datis { Hypotenusa A C *gr.*51: 4′:34″ 6443
Angulo B C A *gr.*70: 3′:44″ 0601



Termini Rationis.

Proport. {
Radius.
Tangens Hypotenusæ.
Sinus complementi Anguli dati.
Tangens Cruris quæsiti.

Illustratio per numeros.

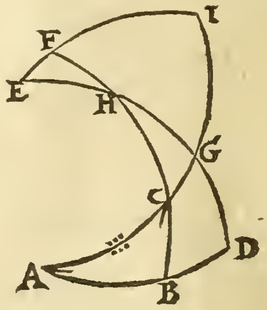
				Log. Tang. & Sin.
Proport.	Radius	E I	*gr.*90: 0′: 0″	10,00000,00000
	Tangens	I G	51: 4 :34 6443 . . .	10,09281,35018
	Sinus	E F	19:56 :15 9399 . . .	9,53275,33346
	Tangens	F H	22:53 :30 3679 . . .	19,62556,68364

PROBL. 7.

Datis Angulis obliquis,
Quæritur HYPOTENUSA.

In Triangulo Rectangulo A B C quæritur Hypotenusa A C,

Datis Angulis { B A C *gr.*30: 0′: 0″
A C B *gr.*70: 3′:44″ 0601



Termini Rationis.

Proport. {
Tangens Anguli alterutri.
Radius.
Tangens complementi reliqui Anguli.
Sinus complementi Hypotenusæ.

Illustratio Arithmetica.

				Log. Tang. & Sin.
Proport.	Tangens	F I	*gr.*70: 3′:44″ 0601 . . .	10,44040,38994
	Radius	I C	90: 0: 0	10,00000,00000
	Tangens	G H	60: 0: 0	10,23856,06274
	Sinus	G C	38:55 :25 3557 . . .	9,79815,67280

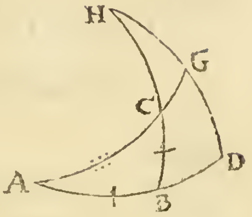
PROBL.

PROBL. 8.

Datis Cruribus,
Quæritur HYPOTENVSA.

In Triangulo Rectangulo A B C quæritur Hypotenusa A C,

Datis Cruribus { A B *gr.*47: 0′: 0″
B C *gr.*22:53′:30″ 3679



Termini Rationis.

Proport. { *Sinus Totus.*
Sinus complementi Cruris alterius.
Sinus complementi Cruris reliqui.
Sinus complementi Hypotenusæ quæsitæ.

Illustratio per numeros.

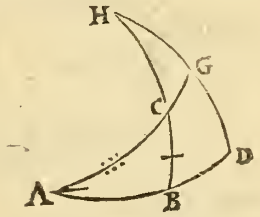
				Log. Sinuum.
Proport.	Sinus Totus	H B	*gr.* 90: 0′: 0″	10,00000,00000
	Sinus . .	B D	43: 0: 0	9,83378,33303
	Sinus . .	C H	67: 6:29 6321	9,96437,33977
	Sinus . .	C G	38:55:25 3557	19,79815,67280
	Compl. est	A C	51: 4:34 6443	Hypotenusa quæsita.

PROBL. 9.

Datis Crure & Angulo ipsi opposito,
Quæritur HYPOTENVSA.

In Triangulo Rectangulo A B C quæritur Hypotenusa A C,

Datis { Crure . B C *gr.*22:53′:30″ 3679
Angulo B A C, *gr.*30: 0′: 0″:



Termini Rationis.

Proport. { *Sinus Anguli obliqui dati.*
Sinus Totus.
Sinus Cruris dati.
Sinus Hypotenusæ quæsitæ.

Illustratio Arithmetica.

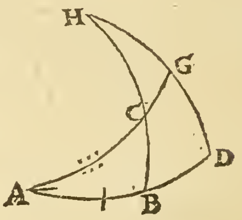
				Log. Sinuum.
Proport.	Sinus . .	G D	*gr.* 30: 0′: 0″	9,69897,00043
	Sinus Totus	A G	90: 0: 0	10,00000,00000
	Sinus . .	C B	22:53:30 3679	9,58994,02341
	Sinus . .	A C	51: 4:34 6443	9,89097,02298

PROBLEMA 10.

Datis Crure & Angulo ipsi contermino,
Quæritur HYPOTENVSA.

In Triangulo Rectangulo A B C quæritur Hypotenusa A C,

Datis { Crure . A B *gr.*47: 0′: 0″
Angulo B A C *gr.*30: 0′: 0″ }



Termini Rationis.

Proport. { *Radius.*
Tangens complementi Cruris dati.
Sinus complementi Anguli dati.
Tangens complementi Hypotenusæ quæsitæ. }

Illustratio per numeros.

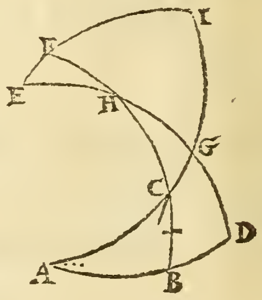
				Log.Tang.& Sin.
Proport.	Radius	H D	*gr.* 90: 0′: 0″ . . .	10,00000,00000
	Tangens	D B	43: 0: 0 . . .	9,96965,58665
	Sinus	H G	60: 0: 0 . . .	9,93753,06317
	Tangens	G C	38:55:25 3557 . .	19,90718,64982
	Compl. est	A C	. 51: 4:34 6443	Hypotenusa quæsita.

PROBL. 11.

Datis Angulo & Crure ipsi contermino,
Quæritur ANGVLVS *reliquus.*

In Triangulo Rectangulo A B C quæritur Angulus B A C,

Datis { Angulo A C B *gr.*70: 3′:44″ 0601
Crure . B C *gr.*22:53′:30″ 3679 }



Termini Rationis.

Proport. { *Sinus Totus.*
Sinus Anguli obliqui dati.
Sinus complementi Cruris dati.
Sinus complementi Anguli quæsiti. }

Illustratio Arithmetica.

				Log.Sinuum.
Proport.	Sinus Totus	F C	*gr.*90: 0′: 0″ . . .	10,00000,00000
	Sinus . .	F I	70: 3:44 0601 . .	9,97315,72340
	Sinus . .	H C	67: 6:29 6321 . .	9,96437,33977
	Sinus . .	H G	60: 0: 0 . . .	19,93753,06317
	Compl. est	G D	30: 0: 0:	Anguli quæsiti mensura.

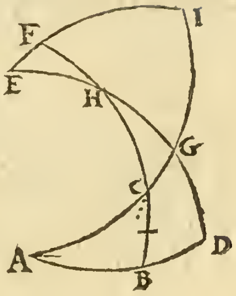
PROBL.

PROBL. 12.

Datis Angulo & Crure ipsi opposito,
Quæritur ANGULUS *reliquus.*

In Triangulo Rectangulo A B C quæritur Angulus A C B,

Datis { Angulo B A C *gr.*30: 0': 0''
Crure . B C *gr.*22: 53': 30'' 3679 }



Termini Rationis.

Proport. { *Sinus complementi Cruris dati.*
Sinus complementi Anguli dati.
Sinus Totus.
Sinus Anguli quæsiti. }

Illustratio per numeros.

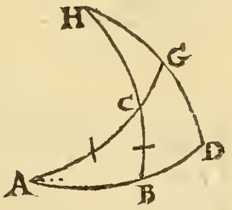
				Log. Sinuum.
Proport.	Sinus . .	H C	*gr.* 67: 6': 29'' 6321 . .	9,96437,33977
	Sinus . .	H G	60: 0: 0	9,93753,06317
	Sinus Totus	F C	90: 0: 0	10,00000,00000
	Sinus . .	F I	70: 3 :44 0601 . .	9,97315,72340

PROBL. 13.

Datis Hypotenusa & Crure,
Quæritur ANGULUS *Cruri dato oppositus.*

In Triangulo Rectangulo A B C quæritur Angulus B A C,

Datis { Hypotenusa A C *gr.*51: 4': 34'' 6443
Crure . . B C *gr.*22: 53': 30'' 3679 }



Termini Rationis.

Proport. { *Sinus Hypotenusæ.*
Sinus Cruris.
Sinus Totus.
Sinus Anguli quæsiti. }

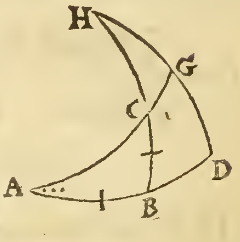
Illustratio per numeros.

				Log. Sinuum.
Proport.	Sinus . .	A C	*gr.* 51: 4': 34'' 6443 . .	9,89097,02298
	Sinus . .	C B	22: 53 :30 3679 . . .	9,58994,02341
	Sinus Totus	A G	90: 0: 0 . . .	10,00000,00000
	Sinus . .	G D	30: 0: 0 . . .	9,69897,00043

PROBL. 14.

Datis Cruribus,
Quæritur ANGVLVS *alteruter.*

In Triangulo Rectangulo A B C quæritur Angulus B A C,



Datis Cruribus { A B *gr*.47: 0′: 0″ ; B C *gr*.22:53′:30″ 3679 }

Termini Rationis.

Proport. {
Sinus Cruris Angulo quæsito contermini.
Tangens Cruris reliqui.
Radius.
Tangens Anguli quæsiti.
}

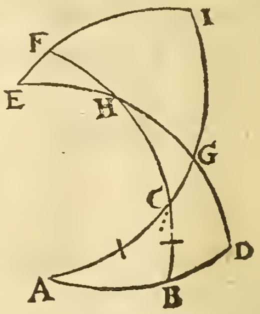
Illustratio per numeros.

				Log. Sin. & Tang.
Proport.	Sinus	A B	*gr*.47: 0′: 0″	9,86412,74638
	Tangens	B C	22:53:30 3679 . . .	9,62556,68364
	Radius	A D	90: 0: 0	10,00000,00000
	Tangens	D G	30: 0: 0	9,76143,93726

PROBL. 15.

Datis Hypotenusa & Crure,
Quæritur ANGVLVS *ab iisdem comprehensus.*

In Triangulo Rectangulo A B C quæritur Angulus A C B,



Datis { Hypotenusa A C *gr*.51: 4′:34″ 6443 ; Crure . . B C *gr*.22:53′:30″ 3679 }

Termini Rationis.

Proport. {
Tangens Hypotenusæ.
Radius.
Tangens Cruris.
Sinus complementi Anguli quæsiti.
}

Illustratio Arithmetica.

				Log. Tang. & Sin.
Proport.	Tangens	I G	*gr*.51: 4′:34″ 6443 . . .	10,09281,35018
	Radius	I E	90: 0: 0	10,00000,00000
	Tangens	F H	22:53:30 3679 . . .	9,6255[illegible],68364
	Sinus .	F E	19:56:15 9399 . . .	9,53275,33346
	Compl. est	F I	70: 3:44 0601	mensura Anguli quæsiti A C B.

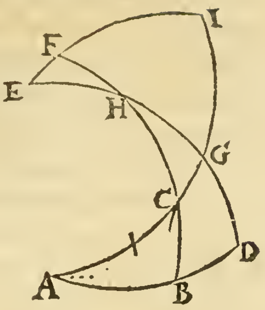
PROBL.

PROBL. 16.

Datis Hypotenusa & Angulo,
Quæritur ANGVLVS *reliquus.*

In Triangulo Rectangulo A B C quæritur Angulus B A C,

Datis { Hypotenusa A C *gr.* 51: 4′:34″ 6443
{ Angulo . A C B *gr.* 70: 3′:44″ 0601



Termini Rationis.

Proport. { *Radius.*
Tangens Anguli obliqui dati.
Sinus complementi Hypotenusæ.
Tangens complementi Anguli quæsiti.

Illustratio Arithmetica.

Proport.				Log. Sin. & Tang.
Radius	C I	*gr.* 90: 0′: 0″		10,00000,00000
Tangens	F I	70: 3:44	0601	10,44040,38994
Sinus	C G	38:55:25	3557	9,79815,67280
Tangens	G H	60: 0: 0		10,23856,06274

Compl. est G D 30: 0 : 0: mensura Anguli quæsiti C A B.

CAPVT IIII.

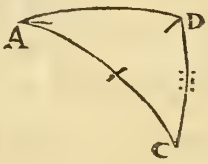
De Triangulorum Obliquangulorum dimensione.

PROBL. 1.

Datis Angulis duobus & Latere alteri datorum opposito,
Quæritur LATVS *reliquo Angulo oppositum.*

In Triangulo Obliquangulo A C D quæritur Latus C D,

Datis { Angulis { C D A *gr.* 103: 59′: 57″ 5028
{ C A D *gr.* 36: 7′:52″ 4478
{ Latere . A C *gr.* 42: 8′:47″ 9286



Termini Rationis.

Proport. { *Sinus Anguli Lateri dato oppositi.*
Sinus Lateris dati.
Sinus Anguli reliqui.
Sinus Lateris quæsiti. per Consect. 3. Cap. 2.

Illustratio per numeros.

Proport.				Log. Sinuum.
Sinus Anguli C D A	*gr.* 76: 0′: 2″	4972		9,98690,54292
Sinus Lateris A C	42: 8:47	9286		9,82674,22404
Sinus Anguli C A D	36: 7:52	4478		9,77058,45472
				19,59732,67876
Sinus Lateris C D	24: 3:54	6667		9,61042,13584

Acquisitis Lateribus duobus unà cum Angulis iisdem oppositis, potest etiam reliquum Latus hunc scilicet in modum obtineri.

Proport.			Log. Sin. & Tang.
Sinus semissis differentiæ Angulorum	*gr.* 33:56′: 2″	5275	9,74681,94450
Sinus semissis summæ Angulorum	70: 3:54	9753	9,97316,55696
Tangens semissis differentiæ Laterum	9: 2:26	63095	9,20170,63278
			19,17487,18974
Tangens semissis Lateris reliqui	15: 0: 0:		9,42805,24524

PROBLEMA 2.

Datis Lateribus & Angulo ab iisdem comprehenso,
Quæritur LATUS *reliquum.*

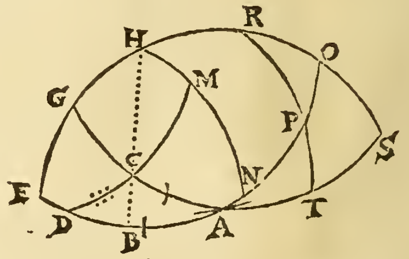
Ad hujus & subsequentium ferè omnium solutionem, pro quibus duæ requiruntur operationes, Triangulum Obliquangulum datum in duo Rectangula est reducendum, ope scilicet perpendicularis ductæ ab extremitate Lateris dati eâ, in cujus alterâ extremitate est Angulus datus. Quoniam autem in hoc & quibusdam Casibus sequentibus, duæ tales Laterum extremitates exhibentur, observandum est, in duobus tantummodò limitatione aliquâ opus esse; nempe cum *Anguli duo cum Latere ab iisdem comprehenso dati sunt, quæriturque Latus alterutrum reliquorum,* ut in 5 Probl. Et cum *Latera duo cum Angulo ab iisdem comprehenso data sunt, quæriturque Angulus alteruter reliquorum,* ut in 10. Probl. In illo enim perpendicularis ducenda est ab extremitate Lateri quæsito conterminâ; In hoc, ab extremitate Lateris Angulo quæsito oppositi.

In Triangulis itaque his Rectangulis quorum partes simili situ respondent, si singulę innotescunt, non latebunt etiam & Obliquanguli singulę. Ex iis verò, quæ Capiti tertio præfiximus, probè intellectis, singulas horum partes exquirere non erit difficilè; Exclusâ enim perpendiculari unà cum Radio, quemadmodũ *ad Consectaria* 4.5.6.7. *Capitis secundi* præcepimus; erunt Sinus vel Tangentes partis mediæ alterius Trianguli & extremæ reliqui, medii proportionales inter Sinus vel Tangentes partis mediæ reliqui & extremæ alterius Trianguli. Nos autem majoris perspicuitatis ergo, demonstrativè Problematum subsequentium resolutiones sigillatim aggredimur. Quoniam verò perpendicularis ab angulo verticali dimittenda, aliquando intra, quandoque extra Triangulum cadit, prout anguli ad Basim ejusdem vel diversæ fuerint affectionis, idcirco ne ulla calculo adhęreat remora, duo apposuimus schemata iisdem consignata litteris, ut Rationis Termini, nec non Illustratio Arithmetica, utrisque inserviant.

In Triangulo Obliquangulo A C D quæritur Latus D C,

			1. *Superioris schematis.*	2. *Infer. schem.*
Datis	Lateribus	A D	*gr.* 42: 8′:47″ 9286	24: 3′:54′ 6667
		A C	*gr.* 30: 0′: 0″ 0000	30. 0′: 0″ 0000
	Angulo	D A C	*gr.* 36: 7′:52″ 4478	103:59′:57″ 5028

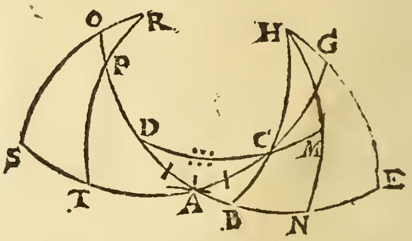
Hoc & nonnulla ut dixi subsequentia Problemata duplici indigent praxi, quarum prior inventioni segmentorum Basis aut Angulorum verticalium subservit, altera verò Angulorum aut Laterum quæsitorum.



Termini Rationum.

I. Pro Segmento Basis. Per Probl. 6. Cap. 3.

Proport.
Radius.
Tangens Hypotenusæ.
Sinus complementi Anguli dati.
Tangens segmenti Basis Angulo dato contermini; Atque inde reliquum segmentum.



II. Pro Latere quæsito. Per Consect. 5.

Proport.
Sinus compl. segmenti Basis ultimo inventi.
Sinus complementi Hypotenusæ.
Sinus complementi reliqui segmenti Basis.
Sinus complementi Lateris quæsiti.

NOTA. Quando perpendicularis extra Triangulum cadit, duorum segmentorum Basis hic & in quibusdam sequentibus expressorum, alterum erit Basis totalis continuata, reliquum segmentum ejusdem perpendiculari conterminum. Quantitate

tate autem unius (cujus mensura à perpendiculari initium sumit) per inventionem quarti termini primæ cujuslibet proportionis habitâ, reliquum deinde cognosci poterit.

Illustratio per numeros.

Proport.				Log. Sin. & Tang.
Radius	R S	gr. 90: 0′: 0″	0000	10,00000,00000
Tangens Hypotenusæ	T S = A C	30: 0: 0	0000	9,76143,93726
Sinus compl. O S videlicet	R O	53:52: 7	5522	9,90723,31753
Tangens segmenti Basis	O P = A B	25: 0: 0	0000	19,66867,25479
Cujus complementum est	P A = B E	65: 0: 0	0000.	

1.

Possumus etiam absque Quadrantali R S T terminos Rationis pro segmentis Basis aut Angulorum verticalium ita constituere.

Proport.
Sinus complementi Anguli comprehensi
Tangens complementi Hypotenusæ.
Radius.
Tangens complementi segmenti Basis Angulo comprehenso contermini.

Illustratio Arithmetica.

I.

Proport.				Log. Sin. & Tang.
Sinus compl. E G videlicet	H G	gr. 53: 52′: 7″	5522	9,90723,31753
Tang. compl. A C videlicet	G C	60: 0: 0	0000	10,23856,06274
Radius	H E	90: 0: 0	0000	10,00000,00000
Tang. compl. A B videlicet	E B	65: 0: 0	0000	10,33132,74521
Est ergo segmentum .	A B	25: 0: 0	0000.	

II

Proport.				Log. Sinuum.
Sinus compl. A B videlicet	B E	gr. 65: 0′: 0″	0000	9,95727,57115
Sinus compl. A C videlicet	C G	60: 0: 0	0000	9,93753,06317
Sinus compl. D B videlicet	B N	72:51:12	0714	9,98025,49202
				19,91778,55519
Sinus compl. D C videlicet	C M	65:56: 5	3333	9,96050,98404
Est ergo	D C	24: 3:54	6667	Latus quæsitum.

Quod si Angulus comprehensus sit obtusus, quemadmodum videre est in Triangulo Obliquangulo A C D *inferioris Diagraphæ, eodem operandum est modo. Retineantur reliqua data præmissa.*

I.

Proport.				Log. Sin. & Tang.
Radius	R S	gr. 90: 0′: 0″		10,00000,00000
Tangens Hypotenusæ	S T = A C	30: 0: 0	0000	9,76143,93726
Sinus compl. O S videlicet	R O	13:59:57	5028	9,38365,40864
Tang. segmenti Basis	O P = A B	7:57: 3″	2059	19,14509,34590
Cujus complementum est	B E	82: 2:56	7941	

2.

II.

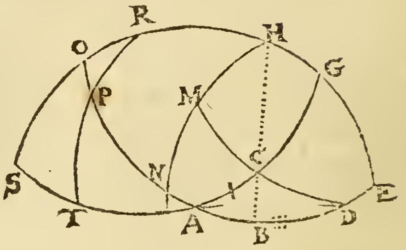
Proport.				Log. Sinuum.
Sinus compl. A B videlicet	B E	gr. 82: 2′:56″	7941	9,99580,49281
Sinus compl. A C videlicet	C G	60: 0: 0	0000	9,93753,06317
Sinus compl. D B videlicet	B N	57:59: 2	1275	9,92834,43181
				19,86587,49498
Sinus compl. D C videlicet	C M	47:51:12	0714	9,87007,00217
Est ergo	D C	42: 8:47	9286	Latus quæsitum.

PROBLEMA 3.

Datis Angulis duobus & Latere alteri datorum opposito, Quæritur LATVS *ab iisdem comprehensum.*

In Triangulo Obliquangulo A D C quæritur Latus A D,

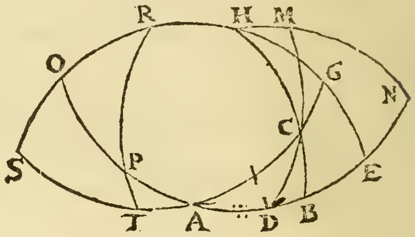
		1. *Superioris schematis.*	2. *Infer. schem.*
Datis	Angulis CDA	36: 7′:52″ 4478	103:59′:57″ 5028
	Angulis CAD	46:18′: 7″ 2720	36: 7′:52″ 4478
	Latere AC	24: 3′:54″ 6667	42: 8′:47″ 9286



Termini Rationum.

I. Pro segmento Basis. Per Probl. 6. Cap. 3.

Proport.
- *Radius.*
- *Tangens Hypotenusæ, sive Lateris dati.*
- *Sinus compl. Anguli Hypotenusæ contermini.*
- *Tangens segmenti Basis Hypotenusæ contermini.*



II. Pro reliquo Basis segmento. Per Consect. 6.

Proport.
- *Tangens Anguli Lateri dato oppositi.*
- *Sinus segmenti Basis Lateri dato contermini.*
- *Tangens reliqui Anguli.*
- *Sinus reliqui segmenti Basis.*

Si perpendicularis cadit intra, segmentorum summa; Sin extra, differentia eorundem est Latus quæsitum.

Illustratio per numeros.

1.

		I.		*Log. Sin. & Tang.*
Proport.	Radius . . . . R S	gr. 90: 0′: 0″		10,00000,00000
	Tangens Hypotenusæ S T = A C	24: 3 :54	6667	9,64991,15181
	Sinus compl. O S videlicet O R	43:41 :52	7280	9,83938,81131
	Tangens segmenti O P = A B	17: 8 :47	9286	19,48929,96312
		II.		
Proport.	Tangens Anguli ad D vid. N M	gr. 36: 7′:52″	4478	9,86335,13719
	Sinus segmenti . . . A B	17: 8 :47	9286	9,46955,45514
	Tangens Anguli ad A vid. G E	46:18 : 7	2720	10,01974,50798
				19,48929,96312
	Sinus reliqui segmenti . D B	25: 0 : 0	0000	9,62594,82593
	Segmentum A B est	17: 8 :47	9286	
	Summa segmentorum est A D	42: 8 :47	9286	Latus quæsitum.

Quod si Anguli ad Basim sint diversæ affectionis, ac proinde Perpendicularis cadat extra, quemadmodum in inferioris schematis Triangulo, operandi modus priori consimilis erit. Retineantur itaque reliqua data.

2.

		I.		*Log. Sin. & Tang.*
Proport.	Radius . . . . R S	gr. 90: 0′: 0″		10,00000,00000
	Tangens . . . . S T = A C	42: 8 :47	9286	9,95667,22187
	Sinus compl. S O videlicet O R	51:52: 7	5522	9,90723,31753
	Tangens segmenti O P = A B	36: 9 :57	7821	19,86390,53940
		II.		
Proport.	Tangens anguli ad D vid. M N	gr. 76: 0′: 2″	4972	10,60325,13428
	Sinus segmenti . . . A B	36: 9 :57	7821	9,77094,57913
	Tangens anguli ad A vid. G E	36: 7 :52	4478	9,86335,13719
				19,63429,71632
	Sinus reliqui segmenti D B	6: 9 :57	7821	9,03104,58204
	Segmentum A B est . .	36: 9 :57	7821	
	Differ. segmentorum est A D	30: 0 : 0	0000	Latus quæsitum.

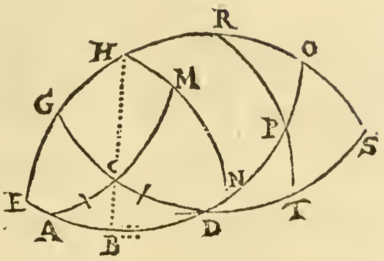
PROBL.

PROBL. 4.

Datis Lateribus duobus & Angulo alteri datorum opposito, Quæritur LATUS *reliquum.*

In Triangulo Obliquangulo A D C quæritur Latus A D,

		1. *Superioris schematis.*	2. *Infer. schem.*
Datis	Lateribus { D C	30: 0′: 0″ 0000	24: 3′: 54″ 6667
	Lateribus { A C	24: 3′: 54″ 6667	137: 51′: 12′ 0714
	Angulo A D C	36: 7′: 52″ 4478	103: 59′: 57″ 5028

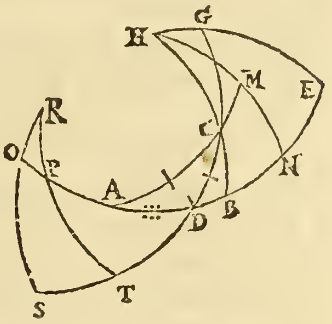


Termini Rationum.

I. Pro Segmento Basis. Per Probl. 6.

Proport.
- *Radius.*
- *Tangens Hypotenusæ Angulo dato conterminæ.*
- *Sinus complementi Anguli dati.*
- *Tang. segmenti Basis Angulo dato contermini.*

II. Pro Latere quæsito. Per Consect. 5.



Proport.
- *Sinus compl. Lateris Angulo dato contermini.*
- *Sinus compl. segm. Basis eidem Angulo contermini.*
- *Sinus complementi reliqui Lateris.*
- *Sinus complementi reliqui segmenti Basis.*

Si perpendicularis cadit intra, segmentorum summa; Sin extra, differentia eorundem est Latus quæsitum.

Illustratio Arithmetica.

1.

	I.		*Log. Sin. & Tang.*
Proport.	Radius . . . . R S	gr. 90: 0′: 0″ 0000	10,00000,00000
	Tangens Hypotenusæ DC = ST	30: 0: 0 0000	9,76143,93726
	Sinus compl. O S videlicet R O	53: 52: 7 5522	9,90723,31753
	Tangens segmenti O P = D B	25: 0: 0 0000	19,66867,25479
	II		*Log. Sinuum.*
Proport.	Sinus compl. D C videlicet C G	gr. 60: 0′: 0″ 0000	9,93753,06317
	Sinus compl. D B videlicet B E	65: 0: 0 0000	9,95727,57115
	Sinus compl. A C videlicet C M	65: 56: 5 3333	9,96050,98404
			19,91778,55519
	Sinus compl. A B videlicet B N	72: 51: 12 0714	9,98025,49202
	Est ergo segmentum . . A B	17: 8: 47 9286	
	Segmentum verò . . . D B	25: 0: 0 0000	
	Ergo segmentorum summa A D	42: 8: 47 9286 Latus quæsitum.	

Praxis pro Latere A D *Trianguli inferioris schematis.*

2.

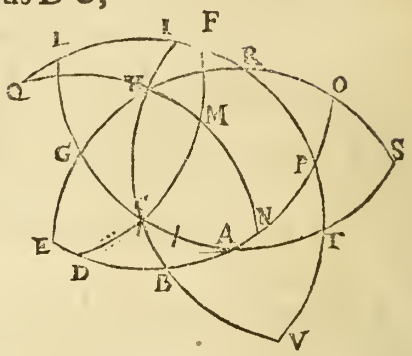
	I.		*Log. Sin. & Tang.*
Proport.	Radius . . . . R S	gr. 90: 0′: 0″	10,00000,00000
	Tangens Hypotenusæ D C = S T	24: 3: 54 6667	9,64991,15181
	Sinus compl. O S videlicet R O	13: 59: 57 5028	9,38365,40864
	Tangens segmenti . O P = D B	6: 9: 57 7821	19,03356,56045
	II.		*Log. Sinuum.*
Proport.	Sinus compl. D C videlicet C G	gr. 65: 56′: 5″ 3333	9,96050,98404
	Sinus compl. D B videlicet B E	83: 50: 2 2179	9,99748,02159
	Sinus compl. A C videlicet C M	47: 51: 12 0714	9,87007,00217
			19,86755,02376
	Sinus compl. A B videlicet B N	53: 50: 2 2179	9,90704,03972
	Est ergo segmentum . A B	36: 9: 57 7821	
	Inde aufer segmentum D B	6: 9: 57 7821	
	Differentia est . . . A D	30: 0: 0 0000 Latus quæsitum.	

PROBLEMA 5.

Datis Angulis duobus cum Latere ab iisdem comprehenso, Quæritur LATVS *alterutrum.*

In Triangulo Obliquangulo A C D quæritur Latus D C,

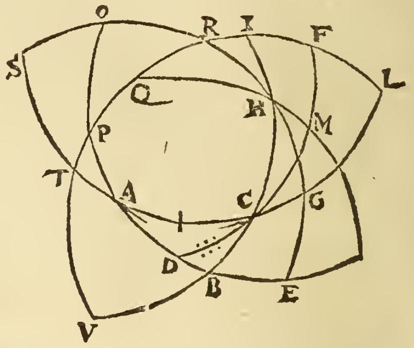
Datis		1. *Superioris schematis.*	2. *Infer. schem.*
Angulis	DAC	36: 7':52'' 4478	36: 7':52'' 4478
	ACD	103:59':57'' 5028	46:18': 7'' 2720
Latere	AC	30: 0': 0'' 0000	42: 8':47'' 9286



Termini Rationum.

I. Pro segmento Anguli verticalis. Per Probl. 16.

Proport.
- *Radius.*
- *Tangens Anguli ad Basim, sive Lateri quæsito opposito.*
- *Sinus compl. Hypotenusæ, sive Lateris dati.*
- *Tangens compl. segmenti Anguli verticalis.*



II. Pro Latere quæsito. Per Consect. 7.

Proport.
- *Sinus compl. reliqui segmenti Anguli verticalis.*
- *Tangens Lateris dati.*
- *Sinus compl. Anguli verticalis ultimò inventi.*
- *Tangens Lateris quæsiti.*

Quando Perpendicularis cadit extra, duorum segmentorum Anguli verticalis hic & in quibusdam sequentibus expressorum, alterum erit Angulus verticalis totalis, reliquum segmentum ejusdem perpendiculari conterminum. Id quod ex primâ operatione producetur, erit Angulus à Latere dato cui Angulus datus adjacet & à perpendiculari comprehensus, unde & reliquum cognoscetur. Eodem modo Anguli discernuntur quando perpendicularis cadit intra.

Illustratio per numeros.

1.

I.

Proport.				*Log. Sin. & Tang.*
Radius	A S	*gr.* 90: 0': 0''		10,00000,00000
Tangens Anguli . .	C A D vid. S O	36: 7 :52	4478	9,86335,13719
Sinus compl. Lateris .	A C vid. A T	60: 0 : 0	0000	9,93753,06317
Tang. compl. anguli vertic.	T P vid. T V	32: 18 : 9	7692	19,80088,20036

Est ergo Anguli verticalis segmentum 57:41 :50 2308 videlicet A C B.

II.

Proport.					
Sinus complementi .	F I vid. Q I	*gr.* 43:41':52''	7280	.	9,83938,81131
Tangens Lateris . .	A C vid. L G	30: 0: 0	0000	.	9,76143,93726
Sinus complementi .	L I vid. R I	32:18: 9	7692	.	9,72786,02586
					19,48929,96312
Tangens Lateris quæsiti	F M = D C	24: 3 :54	6667	.	9,64991,15181

Sin extra cadit perpendiculum, ut in inferiore schemate; Retentis reliquis datis. Ajo

2.

I.

Proport.				*Log. Sin. & Tang.*
Radius	A S	*gr.* 90: 0': 0''	. . . .	10,00000,00000
Tangens	S O	36: 7 :52 4478	. . . .	9,86335,13719
Sinus	A T	47:51 :12 0714	. . . .	9,87007,00217
Tangens	T P	28:25 :32 7525	. . . .	19,73342,13936

Compl. est T V = L I 61:34:27 2475 & inde D C B 15:16':19'' 9755

II.

Proport.					
Sinus complem.	F I vid. Q I	*gr.* 74:43':40''	0245	. . .	9,98438,56451
Tangens Lateris	A C vid. L G	42: 8 :47	9286	. . .	9,95667,22187
Sinus complem.	L I vid. R I	28:25 :32	7525	. . .	9,67762,49446
					19,63429,71633
Tangens Lateris	F M = D C	24: 3':54''	6667	. . . .	9,64991,15182

NOTA.

NOTA. In hoc Casu observandum est perpendicularem ducendam esse ab extremitate Lateris dati eâ, quæ Lateri quæsito contermina est, quemadmodum supra etiam admonuimus.

Poterunt ex iisdem datis reliqua duo Latera eodem labore simul obtineri, hunc scilicet in modum.

1.			2.	
Angulus DAC	*gr.* 36: 7′: 52″ 4478		*Angulus* DAC	*gr.* 36: 7′: 52″ 4478
Angulus ACD	*gr.* 103: 59′: 57″ 5028		*Angulus* ACD	*gr.* 46: 18′: 7″ 2720
Summa Angulorum	*gr.* 140: 7′: 49″ 9506		*Summa Angulorum*	*gr.* 82: 25′: 59″ 7198
Semissis summæ	*gr.* 70: 3′: 54″ 9753		*Semissis summæ*	*gr.* 41: 12′: 59″ 8599
Differentia Angulorum	*gr.* 67: 52′: 5″ 0550		*Differentia Angulorum*	*gr.* 10: 10′: 14″ 8242
Semissis differentiæ	*gr.* 33: 56′: 2″ 5275		*Semissis differentiæ*	*gr.* 5: 5′: 7″ 4121

Operatio I. 1.

Propor.	*Arcus.*	*Log. Sin. & Tang.*
Sinus semissis summæ Angulorum	*gr.* 70: 3′: 54″ 9753	9,97316,55696
Sinus semissis differentiæ Angulorum	33: 56: 2 5275	9,74681,94446
Tangens semissis Lateris comprehensi	15: 0: 0 0000	9,42805,24524
		19,17487,18970
Tangens ½ differ: reliquorum Laterum	9: 2: 26 6309	9,20170,63274

Operatio II.

Propor.		
Sinus compl. semissis summæ Angulorum	*gr.* 19: 56′: 5″ 0247	9,53268,99687
Sinus compl. semissis differentię Angulorum	56: 3: 57 4725	9,91891,10510
Tangens semissis Lateris comprehensi	15: 0: 0 0000	9,42805,24525
		19,34696,35035
Tangens semissis summæ Laterum	33: 6: 21 2977	9,81427,35348

Semissis summæ Laterum est 33: 6: 21 2977
Semissis differentiæ Laterum est 9: 2: 26 6309

Summa summæ & differentiæ Laterum est . 42: 8: 47 9286 Latus AD quęs.
Differentia summæ & differentiæ Laterum est 24: 3: 54 6668 Latus DC quęs.

Retentis similiter datis Trianguli inferioris schematis. Ajo

Operatio I. 2.

Propor.	*Arcus.*	*Log. Sin. & Tang.*
Sinus semissis summæ Angulorum	*gr.* 41: 12′: 59″ 8599	9,81882,46419
Sinus semissis differentiæ Angulorum	5: 5: 7 4121	8,94763,14495
Tangens semissis Lateris comprehensi	21: 4: 23 9643	9,58583,62745
		18,53346,77240
Tangens ½ differentię reliquorum Laterum	2: 58: 2 6667	8,71464,30821

Operatio II.

Propor.		
Sinus compl. semissis summæ Angulorum	*gr.* 48: 47′: 0″ 1401	9,87634,70237
Sinus compl. semissis differentię Angulorum	84: 54: 52 5879	9,99828,71117
Tangens semissis Lateris comprehensi	21: 4: 23 9643	9,58583,62745
		19,58412,33862
Tangens semissis summæ Laterum est	27: 1: 57 3333	9,70777,63625

Semissis summæ Laterum est 27: 1: 57 3333
Semissis differentiæ Laterum est 2: 58: 2 6667

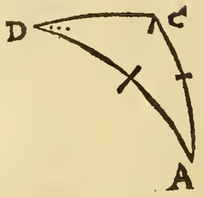
Summa summæ & differentiæ Laterum est . 30: 0: 0 0000 Latus AD quęs.
Differentia summæ & differentię Laterum est 24: 3: 54 6666 Latus DC quęs.

PROBL.

PROBL. 6.

Datis Lateribus duobus & Angulo alteri datorum opposito, Quæritur ANGVLVS *reliquo Lateri oppositus.*

In Triangulo Obliquangulo A C D quæritur Angulus A D C,



Datis	Lateribus	A C *gr.* 30: 0′: 0″	
		A D *gr.* 42: 8′:47″	9286
	Angulo A C D	*gr.* 103:59′:57″	5028

Termini Rationis.

Proport.
- *Sinus Lateris Angulo dato oppositi.*
- *Sinus Anguli dati.*
- *Sinus Lateris reliqui.*
- *Sinus Anguli quæsiti.* per Consect. 3. Cap. 2.

Illustratio Arithmetica.

Proport.				*Log. Sinuum.*
Sinus lateris	A D	*gr.* 42: 8′:47″	9286	9,82674,22404
Sinus anguli	A C D	76: 0 : 2	4972	9,98690,54292
Sinus lateris	A C	30: 0 : 0		9,69897,00043
				19,68587,54335
Sinus anguli	A D C	46:18 : 7	2720	9,85913,31931

Angulis acquisitis duobus unà cum Lateribus iisdem oppositis, possumus etiam reliquum Angulum eundem in modum deprehendere quo reliquum Latus obtinuimus ad Probl. 1. hujus Capitis.

Proport.			*Log. Sin. & Tang.*
Sinus semissis differentiæ laterum	*gr.* 6: 4′:23″	9643	9,02449,01795
Sinus semissis summæ laterum	36: 4:23	9643	9,76998,26248
Tangens semissis differentiæ angulorum	28:50:55	1154	9,74104,18213
			19,51102,44461
Tangens complem. semissis reliqui anguli	71:56: 3	7761	10,48653,42666
Semissis reliqui anguli	18: 3:56	2239	
Est ergo hujus duplum angulus quęsitus D A C	36: 7:52	4478	

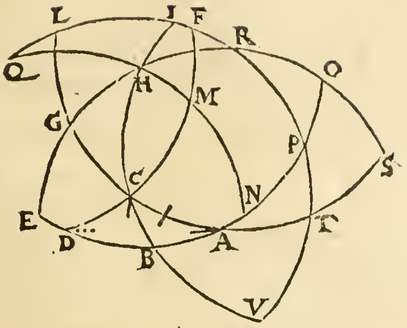
PROBL. 7.

Datis duobus Angulis & Latere ab iisdem comprehenso, Quæritur ANGVLVS *reliquus.*

In sequente Triangulo Obliquangulo A C D quæritur Angulus A D C,

		1. *Superioris schematis.*		2. *Infer. schem.*	
Datis	Angulis	D C A *gr.* 103:59′:57″	5028	36: 7′: 52″	4478
		D A C *gr.* 36: 7′:52″	4478	46:18′: 7″	2720
	Latere	A C *gr.* 30: 0′: 0″		42: 8′: 47″	9286

Ter-



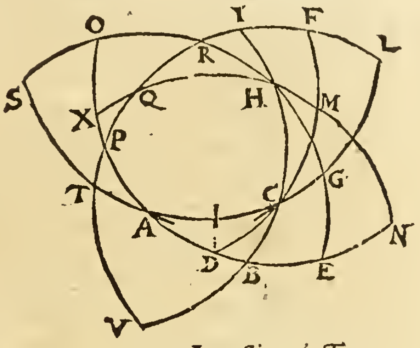
Termini Rationum.

I. Pro segmento Anguli verticalis. Per Probl. 6.

Proport. { *Radius.*
Tangens Anguli ad Basim.
Sinus complementi Lateris dati.
Tangens compl. segmenti Anguli verticalis. }

II. Pro Angulo quæsito. Per Consect. 4.

Proport. { *Sinus segmenti Anguli verticalis ultimò inventi.*
Sinus reliqui Anguli verticalis.
Sinus complementi Anguli ad Basim.
Sinus complementi Anguli quæsiti. }



Si perpendicularis cadit intra, ultimum inventum; Sin extra, ultimi complementum ad semicirculum est Angulus quæsitus.

Illustratio Arithmetica.

		I.		*Log. Sin. & Tang.*	
Proport. { Radius	A S	*gr.* 90. 0′: 0″		 10,00000,00000	I.
Tangens	S O	36: 7: 52	4478	 9,86335,13719	
Sinus compl. A C vid.	A T	60: 0: 0	0000	 9,93753,06317	
Tangens	T P	32: 18: 9	7692	 19,80088,20036	
Compl. est T V = I L		57: 41: 50	2308	mensura Anguli A C B.	

		II.		*Log. Sinuum.*
Proport. { Sinus	I L	*gr.* 57: 41′: 50″	2308	 9,92697,82551
Sinus	I F	46: 18: 7	2720	 9,85913,31929
Sinus compl. E G vid.	H G	53: 52: 7	5522	 9,90723,31753
				19,76636,63682
Sinus compl. N M vid.	H M	43: 41: 52	7280	 9,83938,81131
Est ergo Angulus	A D C .	46: 18: 7	2720	

Eadem requiritur praxis in Trianguli inferioris schematis.

		I.		*Log. Sin. & Tang.*	
Proport. { Radius	A S	*gr.* 90: 0′: 0″		. . . 10,00000,00000	2.
Tangens	S O	46: 18: 7	2720	. . . 10,01974,50798	
Sinus complem. A C vid.	A T	47: 51: 12	0714	. . . 9,87007,00217	
Tangens	T P	37: 48: 30	5423	. . . 19,88981,51015	
Complement. est T V = I L		52: 11: 29	4577		

		II.		*Log. Sinuum.*
Proport. { Sinus	I L	*gr.* 52: 11′: 29″	4577	 9,89766,24096
Sinus	I F	16: 3: 37	0098	 9,44192,83828
Sinus compl. E G vid.	H G	43: 41: 52	7280	 9,83938,81131
				19,28131,64959
Sinus compl. N M vid.	H M	13: 59: 57	5028	 9,38365,40863
Quo addito quadranti	H X	90: 0: 0	0000	
Conflatur Arcus	M X	103: 59: 57	5028	mensura Anguli A D C quæs.

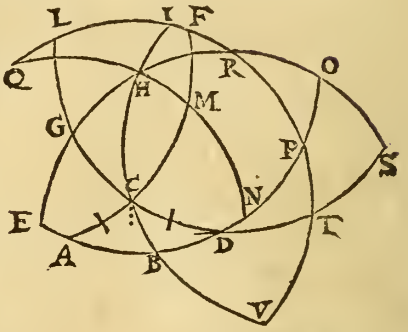
Vel si auferatur Arcus	H M	*gr.* 13: 59′: 57″	5028	
E Quadrante . .	H N	90: 0: 0	0000	
Restabit arcus . .	M N	76: 0: 2	4972	mensura Anguli C D B.
Et hujus compl. ad semicirculũ		103: 59: 57	5028	Angulus quæsitus A D C.

PROBLEMA 8.

Datis Lateribus duobus & Angulo alteri datorum opposito, Quæritur ANGVLVS *ab iisdem comprehensus.*

In Triangulo Obliquangulo A D C quæritur Angulus A C D.

		1. *Superioris schematis.*	2. *Infer. schem.*
Datis	Lateribus A C	24: 3′: 54″ 6667	30: 0′: 0″ 0000
	Lateribus C D	30: 0′: 0″ 0000	42: 8′: 47″ 9286
	Angulo A D C	36: 7′: 52″ 4478	46: 18′: 7″ 2720



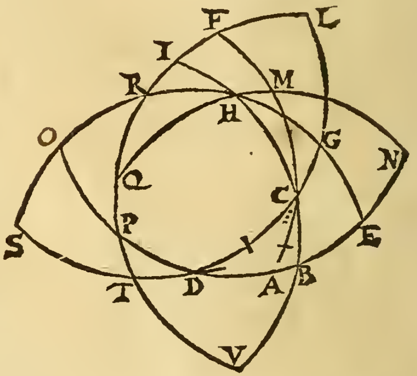
Termini Rationum.

I. Pro segmento Anguli verticalis, Per Probl. 6.

Proport.
- *Radius.*
- *Tangens Anguli dati.*
- *Sinus compl. Lateris Angulo dato contermini.*
- *Tangens compl. segmenti Anguli verticalis.*

II. Pro Angulo quæsito. Per Consect. 7.

Proport.
- *Tangens Lateris Angulo dato oppositi.*
- *Tangens reliqui Lateris.*
- *Sinus complementi segmenti Anguli verticalis ultimò inventi.*
- *Sinus complementi reliqui Anguli verticalis.*



Si perpendicularis cadit intra, Angulorum verticalium summa; Sin extra, differentia eorundem est Angulus quæsitus.

Illustratio Arithmetica.

I.

I.

			Log. Sin. & Tang.
Proport.	Radius . . . . D S	gr. 90. 0′: 0″	 10,00000,00000
	Tangens . . . . S O	36: 7 : 52 4478	 9,86335,13719
	Sinus compl. C D vid. D T	60: 0 : 0 0000	 9,93753,06317
	Tangens . . . . T P	32: 18 : 9 7692	 19,80088,20036
	Compl. est T V = L I	57: 41 : 50 2308	mensura Anguli D C B.

II.

Proport.	Tangens Lateris A C = F M	gr. 24: 3′: 54″ 6667	. . . 9,64991,15181
	Tangens Lateris D C = L G	30: 0 : 0 0000	. . . 9,76143,93726
	Sinus complem. L I vid. I R	32: 18 : 9 7692	. . . 9,72786,02586
			19,48929,96312
	Sinus complem. I F vid. I Q	43: 41 : 52 7280	 9,83938,81131
	Est ergo arcus I F	46: 18 : 7 2720	
	Et arcus primò inventus L I .	57: 41 : 50 2308	
	Summa Angulorum verticalium	103: 59 : 57 5028	Angulus quæsitus A C D.

2.

In Triangulo inferioris schematis.

I.

			Log. Sin. & Tang.
Proport.	Radius . . . . . D S	gr. 90: 0′: 0″	. . . 10,00000,00000
	Tangens . . . . . S O	46: 18 : 7 2720	. . . 10,01974,50798
	Sinus complem. C D vid. D T	47: 51 : 12 0714	. . . 9,87007,00217
	Tangens . . . . . T P	37: 48 : 30 5423	. . . 19,88981,51015
	Complement. est T V = L I	52: 11 : 29 4577	

II.

Proport.	Tangens Lateris A C = F M	gr. 30: 0′: 0″ 0000	. . . 9,76143,93726
	Tangens Lateris D C = L G	42: 8 : 47 9286	. . . 9,95667,22187
	Sinus complem. L I vid. I R	37: 48 : 30 5423	 9,78747,75111
			19,74414,97298
	Sinus complem. I F vid. I Q	73: 56 : 22 9902	. . . 9,98271,03572
	Est ergo arcus I F . .	16: 3 : 37 0098	
	At inventus arcus I L . .	52: 11 : 29 4577	
	Differentia est F L . .	36: 7 : 52 4479	mensura Anguli A C D.

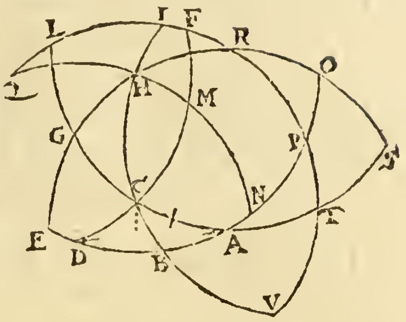
PROBL.

PROBL. 9.

Datis Angulis duobus & Latere alteri datorum opposito,
Quæritur ANGVLVS *reliquus.*

In Triangulo Obliquangulo A D C quæritur Angulus A C D,

			1. Superioris schematis.	*2. Infer. schem.*
Datis	Angulis	DAC	36: 7′: 52″ 4478	46: 18′: 7″ 2720
		ADC	46: 18′: 7″ 2720	103: 59′: 57″ 5028
	Latere	AC	30: 0′: 0″ 0000	42: 8′: 47″ 9286



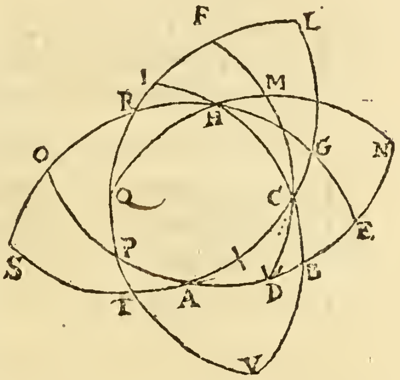
Termini Rationum.

I. Pro segmento Anguli verticalis. Per Probl. 6.

Proport.
- *Radius.*
- *Tangens Anguli Lateri dato contermini.*
- *Sinus compl. Lateris Angulo dato contermini.*
- *Tangens compl. segmenti Anguli verticalis.*

II. Pro Angulo verticali quæsito. Per Consect. 4.

Proport.
- *Sinus complem. Anguli Lateri dato contermini.*
- *Sinus complementi reliqui Anguli dati.*
- *Sinus segmenti Anguli verticalis ultimò inventi.*
- *Sinus reliqui Anguli verticalis.*



Si perpendicularis cadit intra, Angulorum verticalium summa; Sin extra, differentia est Angulus quæsitus.

Illustratio Arithmetica.

			I.		*Log. Sin. & Tang.*
Proport.	Radius	A S	gr. 90: 0′: 0″		10,00000,00000
	Tangens	S O	36: 7: 52	4478	9,86335,13719
	Sinus compl. A C vid.	A T	60: 0: 0	0000	9,93753,06317
	Tangens	T P	32: 18: 9	7692	19,80088,20036
	Compl. est T V = I L		57: 41: 50	2308	mensura Anguli A C B.

1.

			II.		*Log. Sinuum.*
Proport.	Sinus compl. E G vid.	H G	gr. 53: 52′: 7″	5522	9,90723,31753
	Sinus compl. N M vid.	H M	43: 41: 52	7280	9,83938,81131
	Sinus anguli verticalis	I L	57: 41: 50	2308	9,92697,82551
					19,76636,63682
	Sinus reliqui anguli vert.	I F	46: 18: 7	2720	9,85913,31929
	Arcus I L est		57: 41: 50	2308	
	Arcuum summa est		103: 59: 57	5028	

Praxis pro Angulo A C D *Trianguli inferioris schematis.*

			I.		*Log. Sin. & Tang.*
Proport.	Radius	A S	gr. 90: 0′: 0″		10,00000,00000
	Tangens	S O	46: 18: 7	2720	10,01974,50798
	Sinus complem. A C vid.	A T	47: 51: 12	0714	9,87007,00217
	Tangens	T P	37: 48: 30	5423	19,88981,51015
	Complement. est T V = I L		52: 11: 29	4577	

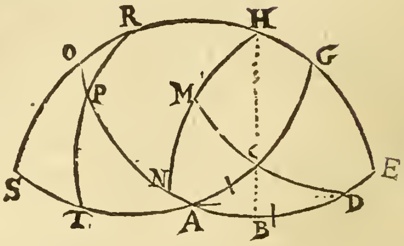
2.

			II.		*Log. Sinuum.*
Proport.	Sinus compl. E G vid.	H G	gr. 43: 41′: 52″	7280	9,83938,81131
	Sinus compl. N M vid.	H M	13: 59: 57	5028	9,38365,40864
	Sinus anguli verticalis	I L	52: 11: 29	4577	9,89766,24096
					19,28131,64960
	Sinus reliqui anguli vert.	I F	16: 3: 37	0098	9,44192,83829
	Est autem Arcus	I L	52: 11: 29	4577	
	Differentia est Arcus	L F	36: 7: 52	4479	mensura Anguli quæs. ACD.

PROBLEMA 10.

Datis Lateribus duobus cum Angulo ab iisdem comprehenso,
Quæritur ANGVLVS *alteruter.*

In Triangulo Obliquangulo A C D quæritur Angulus A D C,



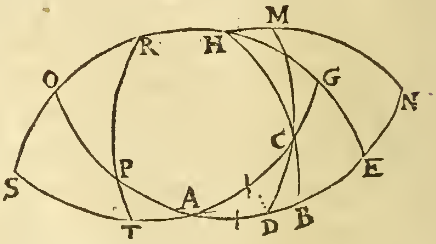
		1. *Superioris schematis.*	2. *Infer. schem.*
Datis	Lateribus A C	24: 3′:54″ 6667	42: 8′:47″ 9286
	Lateribus A D	42: 8′:47″ 9286	30: 0′: 0″ 0000
	Angulo D A C	46:18′: 7″ 2720	36: 7′:52″ 4478

Termini Rationum.

I. Pro Segmento Basis. Per Probl. 6. Cap. 3.

Proport. {
Radius.
Tangens Hypotenusæ.
Sinus complementi Anguli dati.
Tang. segmenti Basis Angulo dato contermini.
}

II. Pro Angulo quæsito. Per Consect. 6.



Proport. {
Sinus segmenti Basis Angulo quæsito contermini.
Sinus segmenti Basis Angulo dato contermini.
Tangens Anguli dati.
Tangens Anguli quæsiti.
}

Illustratio Arithmetica.

1.

	I.		*Log. Sin. & Tang.*
Proport. Radius	R S	gr. 90: 0′: 0″	10,00000,00000
Tangens	A C = S T	24: 3:54 6667	9,64991,15181
Sinus compl. S O videlicet	R O	43:41:52 7280	9,83938,81131
Tangens segmenti	O P = A B	17: 8:47 9286	19,48929,96312
Ergo reliquum segmentum	D B	25: 0: 0 0000	

	II.		
Proport. Sinus segmenti Basis	D B	gr. 25: 0′: 0″ 0000	9,62594,82594
Sinus reliqui segmenti	A B	17: 8:47 9286	9,46955,45514
Tangens Anguli dati	E G	46:18: 7 2720	10,01974,50798
			19,48929,96312
Tangens Anguli quæsiti	N M	36: 7:52 4478	9,86335,13718

Praxis pro Angulo A D C *Trianguli inferioris schematis.*

2.

	I.		*Log. Sin. & Tang.*
Proport. Radius	R S	gr. 90: 0′: 0″	10,00000,00000
Tangens	A C = S T	42: 8:47 9286	9,95667,22187
Sinus compl. S O videlicet	R O	53:52: 7 5522	9,90723,31753
Tangens segmenti	O P = A B	36: 9:57 7821	19,86390,53940
Ergo reliquum segmentum	D B	6: 9:57 7821	

	II.		
Proport. Sinus segmenti Basis	D B	gr. 6: 9′:57″ 7821	9,03104,58204
Sinus segmenti Basis	A B	36: 9:57 7821	9,77094,57914
Tangens Anguli dati	E G	36: 7:52 4478	9,86335,13719
			19,63429,71633
Tangens Anguli	N M	76: 0: 2 4972	10,60325,13429
Compl. ad semicirculum est		103:59:57 5028	Angulus quæsitus A D C.

NOTA.

NOTA. In hoc Caſu obſervandum eſt quod ſupra monuimus, nempe perpendicularem ducendam eſſe ab extremitate Lateris Angulo quæſito oppoſiti.

Non minore moleſtiâ reliqui duo Anguli ſimul inveſtigari poterunt, eodem prorſus modo quo ad Problema quintum reliqua Latera venati ſumus.

1.		2.	
Latus A C .	gr.24: 3′:54″ 6667	*Latus* A C .	gr.42: 8′:47″ 9286
Latus A D .	gr.42: 8′:47″ 9286	*Latus* A D .	gr.30: 0′: 0″ 0000
Summa Laterum	66:12′:42″ 5953	*Summa Laterum*	72: 8′:47″ 9286
Semiſſis ſummæ	33: 6′:21″ 29765	*Semiſſis ſummæ*	36: 4′:23″ 9643
Differentia Laterum	18: 4′:53″ 2619	*Differentia Laterum*	12: 8′:47″ 9286
Semiſſis differentiæ	9: 2′:26″ 63095	*Semiſſis differentiæ*	6: 4′:23″ 9643

Operatio I. 1.

Proport.		*Log. Sin. & Tang.*
Sinus ſemiſſis ſummæ Laterum	gr.33: 6′:21″ 29765 .	9,73734,25161
Sinus ſemiſſis differentiæ Laterum	9: 2:26 63095 .	9,19627,72372
Tangens compl. ½ Anguli comprehenſi	66: 50 :56 3640 .	10,36897,36671
		19,56525,09043
Tangens ½ differ: reliquorum Angulorum	33:56: 2 5275 .	9,82790,83882

Operatio II.

Proport.		
Sinus compl. ſemiſſis ſummæ Laterum	gr.56:53′:38″ 70235 .	9,92306,89829
Sinus compl. ſemiſſis differentię Laterum	80:57 :33 36905 .	9,99457,09156
Tangens compl. ½ Anguli comprehenſi	66:50 :56 3640 .	10,36897,36671
		20,36354,45827
Tangens ſemiſſis ſummæ Angulorum.	70: 3 :54 9753 .	10,44047,55998
Semiſſis differentiæ Angulorum	33:56.: 2 5275	
Summa .	103:59 :57 5028	Angulus A C D.
Differentia	36: 7 :52 4478	Angulus A D C.

Operatio I. 2.

Proport.		*Log. Sin. & Tang.*
Sinus ſemiſſis ſummæ Laterum	gr.36: 4′:23″ 9643 .	9,76998,26248
Sinus ſemiſſis differentiæ Laterum	6: 4 :23 9643 .	9,02449,01795
Tangens compl. ½ Anguli comprehenſi	71:56: 3 7761 .	10,48653,42571
		19,51102,44366
Tangens ½ differ. reliquorum Angulorum	28:50:55 1154 .	9,74104,18118

Operatio II.

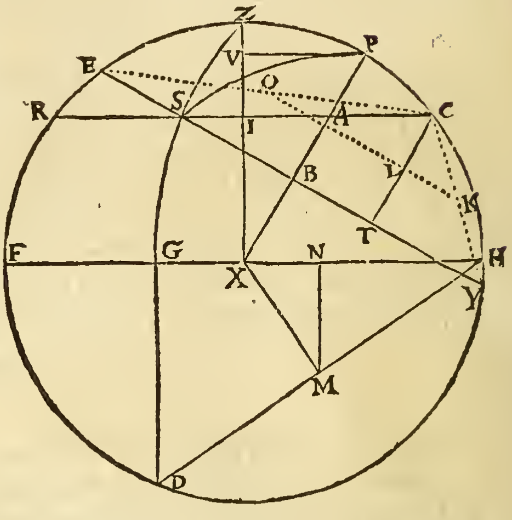
Proport.		
Sinus compl. ſemiſſis ſummæ Laterum	gr.53:55′:36″ 0357 .	9,90755,33015
Sinus compl. ſemiſſis differentię Laterum	83:55 :36 0357 .	9,99755,55742
Tangens compl. ½ Anguli comprehenſi	71:56 : 3 7761 .	10,48653,42571
		20,48408,98313
Tangens ½ ſummæ reliquorum Angulorum	75: 9: 2 3874 .	10,57653,65298
Semiſſis differentiæ Angulorum	28:50:55 1154	
Summa	103:59 :57 5028	Angulus A D C.
Differentia	46:18: 7 2720	Angulus A C D.

PROBL. II.

Datis ſingulis Lateribus, quæritur ANGVLVS *quilibet.*

In Triangulo Obliquangulo Z P S quæritur Angulus P Z S,

Datis Lateribus { P S *gr.*42: 8′:47″ 9286
P Z *gr.*30: 0′: 0″ 0000
Z S *gr.*24: 3′:54″ 6667



Termini Rationis.

Proport. {
Rectangulum e Sinubus Laterum Angulum quæſitum comprehendentium.
Quadratum Radij.
Rectangulum e Sinubus ½ ſummæ & ½ differ: Baſis & differentiæ Laterum eorundem.
Quadratum Sinus ½ Anguli quæſiti.

Illuſtratio Arithmetica.

1. *Sumantur Logarithmi Sinuum Laterum Angulum quæſitum comprehendentium.*
2. *Sumatur Logarithmus Quadrati Radij.*
3. *Sumantur Logarithmi Sinuum ſemiſſis ſummæ & ſemiſſis differentiæ Baſis & differentiæ Crurum.*
4. *Si ſumma Logarithmorum primi, e reliquorum ſummâ auferatur, differentiæ ſemiſſis eſt Logarithmus Sinus ſemiſſis Anguli quæſiti.*

Sint datorum Laterum { P Z *gr.*30: 0′: 0″ 0000 — Sinuum Log. 9,69897,00043
Z S *gr.*24: 3′:54″ 6667 — 9,61042,13585
Differentia Laterum P C *gr.* 5:56′: 5″ 3333

1. Logarithmorum ſumma . . . . 19,30939,13628 A
2. Logarithmus Quadrati Radij . . . . 20,00000,00000 B

Baſis . . . . . . P S *gr.*42: 8′:47″ 9286
Differentia Crurum P C *gr.* 5:56′: 5″ 3333

Summa . . . E P C *gr.*48: 4′:53″ 2619
Differentia . . . C Y *gr.*36:12′:42″ 5953

Semiſſis ſummæ . C O *gr.*24: 2′:26″ 63095 — Sinuum Log. 9,61000,60651
Semiſſis differentiæ C K *gr.*18: 6′:21″ 29765 — 9,49244,54769

3. Logarithmorum ſumma . . . . 39,10245,15420 C
4. Differentia ſummarum . . . . 19,79306,01792 D
Semiſſis differentiæ 9,89653,00896

Ajo itaque.

Log. Sinuum.

Proport. {
Rectangulum Sinuum Crurum . . . . 19,30939,13628 A
Quadratum Radij. . . . . 20,00000,00000 B
Rectangulum Sinuum ½ ſummæ & ½ differentiæ Baſis & differentiæ Crurum. . . . . 19,10245,15420 C
Quadratum Sinus ſemiſſis Anguli quæſiti . . . . . . 19,79306,01792 D

Semiſſis eſt Log. Sinus . . *gr.* 51:59′:58″ 7514 9,89653,00896
Hujus arcus duplum videlicet 103:59′:57″ 5028 eſt Angulus quæſitus P Z S.

Quale ac quanti prçcij ſit compendium iſtud Logarithmicum, malim ut ex proprio ſenſu quam meis verbis æſtimet Trigonometer.

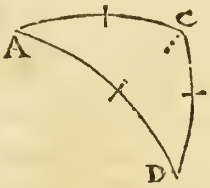
Aliter

Aliter 2.

Subtrahantur Logarithmi Crurum Anguli quæsiti, e Logarithmis Quadrati Radij, & semissis trium Laterum, & semissis differentiæ Basis & summæ Crurum; Reliquus erit Logarithmus Quadrati Sinus complementi semissis Anguli quæsiti ad Quadrantem.

Præcepti Illustratio Arithmetica.

In Triangulo Obliquangulo A D C queritur Angulus A C D,



Datis: Basi	A D	*gr.*42: 8′:47″ 9286	*Log. Sinuum.*	
Datis: Cruribus	A C	*gr.*30: 0′: 0″ 0000	9,69897,00043	
	C D	*gr.*24: 3′:54″ 6667	9,61042,13585	
			19,30939,13628	B summa Logar.
Summa Laterum		*gr.*96:12′:42″ 5953	20,00000,00000	E Radii duplum.
Semissis summæ		*gr.*48: 6′:21″ 29765	9,87179,49866	
Diff. Crurum & Basis		*gr.*11:55′: 6″ 7381		
½ diff. Crurum & Basis		*gr.* 5:57′:33″ 36905	9,01628,70555	
			38,88808,20421	F summa.
			19,30939,13628	B
			19,57869,06793	Differentia B & F.
Logarithmus Sinus		*gr.* 38: 0′: 1″ 2486	9,78934,53396	Semissis differ.
Hujus arcus compl.		*gr.* 51:59′:58″ 7514		
Compl. arcus duplus		*gr.*103:59′:57″ 5028	est Angulus quæsitus A C D.	

Aliter 3.

De dimidio collectorum Laterum, Latera Trianguli sigillatim subducantur, summaque Logarithmorum Sinuum semissis summæ Laterum & differentiæ Lateris Angulum quæsitum subtendentis, auferatur e summa Logarithmorum Sinuum reliquarum differentiarum & duplicato Radij Logarithmo: semissis reliqui erit Logarithmus Tangentis semissis Anguli quæsiti.

Præcepti Illustratio per numeros.

Retineantur data cum quæsito superioris schematis.

Latera	A D	*gr.*42: 8′:47″ 9286
	A C	*gr.*30: 0′: 0″ 0000
	C D	*gr.*24: 3′:54″ 6667

Laterum summa . . .	*gr.*96:12′:42″ 5953	*Log. Sinuum.*		
Semissis summæ . . .	48: 6 :21 29765	9,87179,49866	18,88808,20421	sum.
Diff. 1. Basis A D & ½ summæ	5:57 :33 36905	9,01628,70555		
Diff. 2. lateris A C & ½ summæ	18: 6 :21 29765	9,49244,54770	19,10245,15421	sum.
Diff. 3. lateris C D & ½ summæ	24: 2 :26 63095	9,61000,60651		
	Radii duplicatus Logar.	20,00000,00000		
			39,10245,15421	
			18,88808,20421	
	Logarithmorum differentia		20,21436,95000	
	Semissis differentiæ . . .		10,10718,47500	est Logarithmus Tangentis
	gr. 51:59′:58″ 7514			
Hujus arcus duplum	103:59 :57 5028	est Angulus quæsitus A C D.		

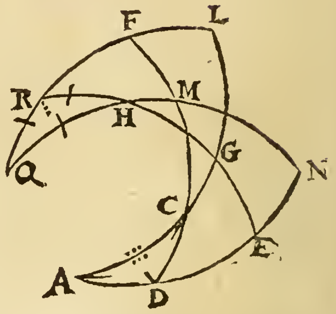
PROBL.

PROBL. 12.

Datis Angulis, quæritur LATVS *quodlibet.*

In Triangulo Obliquangulo ADC quæritur Latus AC,

Datis Angulis { ADC *gr.* 103: 59′: 57″ 5028
DAC *gr.* 36: 7′: 52″ 4478
ACD *gr.* 46: 18′: 7″ 2720 }



Problema istud conversum est undecimi, eundemque in modum solvitur, si modò Anguli in Latera permutentur. Duo enim Anguli minores semper æquantur duobus Lateribus Trianguli comprehensi ab arcubus majorum circulorum a polis eorundem ductorum. Tertius autem Angulus esse potest major quadrante, & idcirco complementum ejus ad semicirculum sumi potest commodissimè pro tertio Latere. Angulus autem ubi inventus fuerit, erit unus e tribus quæsitis Lateribus; Inventis autem ex iisdem uno, reliqua per proportionis regulam *juxta Probl.* 1. invenientur.

Vt in Triangulo ACD, horum arcuum poli sunt H, R, Q, & illius Latera ęquantur hujus Angulis; AD æqualis angulo ad H vel arcui EN. DC angulo Q vel arcui MF. & AC angulo HRF vel arcui GL. Idcirco si dati sint Anguli A.D.C. dantur Latera QR.QH.RH. Angulus autem CDE vel MN ęquatur Lateri QH. Resolvatur itaque Triangulum QRH, *secundum præceptum Problematis* 11.

		Log. Sinuum.
Crura { RQ	*gr.* 46: 18′: 7″ 2720	9,85913,31929
Crura { RH	*gr.* 36: 7′: 52″ 4478	9,77058,45472
Differentia Crurum	*gr.* 10: 10′: 14″ 8242	☞ 19,62971,77401 summa.
Basis QH	*gr.* 76: 0′: 2″ 4972	
Summa differentiæ Crurum & Basis	*gr.* 86: 10′: 17″ 3214	
Differentia Basis & differ. Crurum	*gr.* 65: 49′: 47″ 6730	
Semissis summæ diff. Crurum & Basis	*gr.* 43: 5′: 8″ 6607	9,83447,92086
Semissis differ. Basis & differ. Crurum	*gr.* 32: 54′: 53″ 8365	9,73511,45010
		19,56959,37096 summa.
Logarithmus duplicatus Radii		20,00000,00000
		☞ 19,62971,77401
Differentia Logarithmorum		19,93987,59695
Semissis differentiæ . . .		9,96993,79847 est Lo-

garithmus Sinus semissis Anguli HRQ . *gr.* 68: 55′: 36″ 0357
Hujus Anguli duplum est . . . . *gr.* 137: 51′: 12″ 0714
Et Anguli duplicati compl. ad semicirculum *gr.* 42: 8′: 47″ 9286 est Angulus GRL cujus mensura est GL = AC Lateri quæsito.

Aliter 2.

Sunto data & quæsita ut supra. Ajo

Propor. { *Rectangulum e Sinubus Crurum Anguli quæsiti.*
Quadratum Radij.
Rectangulum e Sinubus ½ *summæ Laterum & differentiæ Basis & semisummæ.*
Quadratum Sinus complementi semissis Anguli quæsiti. }

Crura

Log. Sinuum.

Crura { R Q	*gr.*46: 18′: 7″ 2720	.	9,85913,31929
Crura { R H	*gr.*36: 7′: 52″ 4478	.	9,77058,45472
		☞	19,62971,77401 summa.
Basis Q H	*gr.*76: 0′: 2″ 4972		
Summa Crurum & Basis	*gr.*158: 26′: 2″ 2170		
Semissis summæ Crurum & Basis	*gr.* 79: 13′: 1″ 1085	.	9,99226,30317
Differentia Basis & semissis summæ	*gr.* 3: 12′: 58″ 6113	.	8,74900,32136
			18,74126,62453 summa.
Logarithmus duplicatus Radii			20,00000,00000
		☞	19,62971,77401
			19,11154,85052 Differ.
			9,55577,42526 ½ diff. est
Logarithmus Sinus Anguli	*gr.* 21: 4′: 23″ 9643		
Complementum hujus Anguli	*gr.* 68: 55′: 36″ 0357		
Cujus duplum est H R Q . .	*gr.*137: 51′: 12″ 0714		
Et hujus compl. ad semicirculum	*gr.* 42: 8′: 47″ 9286		Latus quæsitum.

Aliter 3.

Latera { Q H	*gr.*76: 0′: 2″ 4972			
Latera { R Q	*gr.*46: 18′: 7″ 2720			
Latera { R H	*gr.*36: 7′: 52″ 4478			
Summa Laterum	*gr.*158: 26′: 2″ 2170	.	*Log. Sinuum.*	
Semissis summæ	*gr.* 79: 13′: 1″ 1085	.	9,99226,30317 }	18,74126,62453 sum. Log.
Diff. 1. Lateris Q H	*gr.* 3: 12′: 58″ 6113	.	8,74900,32136 }	
Diff. 2. Lateris R Q	*gr.* 32: 54′: 53″ 8365	.	9,73511,45009 }	20,00000,00000 Rad. dupl.
Diff. 3. Lateris R H	*gr.* 43: 5′: 8″ 6607	.	9,83447,92087 }	19,56959,37096 sum. Log.
				20,82832,74643 Differ.
				10,41416,37321 Differ. se-

missis est Logarithmus Tangentis ½ Anguli H R Q *gr.* 68: 55′: 36″ 0357
Cujus duplum est totus Angulus . . . . *gr.*137: 51′: 12″ 0714
Et hujus dupli compl. ad semicirculum . . . . . *gr.* 42: 8′: 47″ 9286 . cujus mensura est L G = A C.

CAPVT V.

VT omnia minimo cum labore fiant. 1.

Si quæsita exquisitè cognoscere cupis, pro scrupulis tertiis, quartis, &c. utere partibus secundorum decimis, centesimis, millesimis, &c. quemadmodum Nos in præcedentibus fecimus, quoniam operationes Arithmeticæ harum ope commodius absolvuntur. Scrupula autem ista in partes hujusmodi facillimè reduci possunt, hoc scilicet modo.

Scribe primùm scrupula tertia, deinde quarta supra tertia, ita ut quartorum nota dextra (intellige cyphram ad sinistram esse adjungendam sive imaginandam, quòd si unicâ exprimantur) ponatur uno loco dextrorsum promotiore, atque supra quarta eodem modo etiam quinta, & sic deinceps. Deinde divide scrupula supe-

riora (additis quotlibet cyphris) per 6, ſtatuendo quotum ad dextram proximè inferiorum, iſtaque iterum divide per 6, & quotum ſcribe ut antea, ſic continuando uſque addiviſionem tertiorum partiumque eorundem, quotus ultimus dabit partes quæſitas. Cujus rei ſpecimen in hoc Exemplo videre licet, in quo 24‴ 50⁗ 28‴′′ reducuntur in $\frac{41402}{100000}$ partes ſcrupuli ſecundi.

28 00
50 467
24 8411
41402

Contra ſi partes hujuſmodi ſunt reducendę in ſcrupula tertia, quarta, quinta, &c. multiplicentur datæ partes per 60, & à facto amputatis dextrorſum tot locis quot ſunt in Numeratore datarum partium, reliqui erunt ſcrupula tertia, notæ autem amputatę indicant partes ſcrupuli tertij, quibus iterum multiplicatis per 60, & à facto abſciſſis tot notis quot antea, reliquæ erunt ſcrupula quarta, & ſic comparantur etiam quinta, ut hic vides.

41402
60
24‴ | 84120
60
50⁗ | 47200
60
28‴′′ | 32000

2. Pro inventione partis proportionalis per differentias Logarithmorum multiplicationis operatione inveſtigandæ, compendium hoc non eſt inutile.

Primò ſcribe differentiam Logarithmorum pro numero multiplicando. Deinde ſub illo numerum multiplicantem, ſtatuendo primam notam multiplicantis ſub penultimâ multiplicandi, & reliquas ordine inde contrario: tum in multiplicatione incipe ad illam notam multiplicandi, quæ eſt ſupra notam multiplicantis, ſervatâ ratione incrementi, quod è ſubſequentibus notis multiplicandi ſuppeditatur.

I. EXEMPLVM.

Differentia Logarithmorum numerorum 18761 & 18762 eſt 231481. Quòd ſi habere velis partem inde proportionalem quæ debetur $\frac{11055}{100000}$. vulgari modo differentia 231481 eſt ducenda in 11055, & à facto amputandæ quinque notæ, ut ſupra pag. 4. monuimus. Sic

	Purus autem factus per hoc compendium invenitur ſic.
231481	231481
11055	55011
1157405	11
1157405	116
231481	2315
231481	23148
25590|22455	25590

II. EXEMPLVM.

Si quæritur Logarithmus Sinus 38 *Grad.* 55′:25″ $\frac{3557}{\ \ }$. In Canone Triangulorum invenitur 9,79814,27645 Logarithmus Sinus 38 *Grad.* 55′:20″, & differentia ejus & proximè ſequentis 260720, unde pars proportionalis addenda reperitur 139634.

Vulgari modo.	*Compendioſiùs ſic.*
260720	260720
53557	75535
1825040	18
1303600	130
1303600	1304
782160	7822
1303600	130360
139633|81040	139634

3. Si primus trium datorum proportionalium ſit Sinus Totus vel Radius, addantur medii duo Logarithmi, & ex ſummâ deletâ primâ verſus ſiniſtram notâ, reliquus erit Logarithmus quæſitus.

Revo-

Revocetur illuſtratio Probl.3.Cap.3.Planorum, & Probl.1.Cap.3.Sphæricorum.

Proport.		*Logarithmi.*			*Logarithmi.*
Radius	gr.90: 0′: 0″	10,00000,000	*Sinus Totus*	gr.90: 0′: 0″	10,00000,00000
Tangens	gr.28:19′:48″	9,73168,554	*Sinus*	gr.30: 0: 0	9,69897,00043
Crus	1123 $\frac{7943}{}$.	3,05068,681	*Sinus Hyp.*	gr:51: 4:34 $\frac{6443}{}$	9,89097,02298
Crus	605 $\frac{8601}{}$.	~~1~~2,78237,235	*Sinus* .	gr.22:53:30 $\frac{3679}{}$	~~1~~9,58994,02341

Si primus datorum ſit Sinus alius quilibet vel Latus, pro Logarithmo primi ſumatur ejus complementum Arithmeticum, quemadmodum pręcepit doctiſſimus *D.Briggius ad Cap.13. Arithmeticæ Logarithmicæ;* & factâ trium additione, ex ſummâ auferatur unitas ad ſiniſtram emergens, & habebis Logarithmum quarti quæſiti. 4.

Exempla mutuentur Probl.1.Cap.3.Planorum, & Probl.2.Cap.3.Sphæricorum.

Proport.				
Crus 1123 $\frac{7943}{}$	3,05068,681 *Logarit.* / 6,94931,319 *cōpl.Ar.*		*Sinus* gr.67 6′:29″ $\frac{6321}{}$	9,96437,33977 *Loga.* / 0,03562,66023 *cō.ar.*
Crus 605 $\frac{8601}{}$	2,78237,235		*Sin.Tot.* 90: 0: 0 $\frac{0000}{}$	10,00000,00000
Rad. 90: 0′: 0″	10,00000,000		*Sinus* 38:55:25 $\frac{3557}{}$	9,79815,67280
Tang. 28:19′:48″	~~1~~9,73168,554		*Sinus* 43: 0: 0 $\frac{0000}{}$	~~1~~9,83378,33303

Si primus trium datorum ſit Tangens, ſubſtituatur ejus Complementum Arithmeticum ut ſupra, quemadmodum hic vides in Exemplo Problematis 5.Cap.3. Sphæricorum. 5.

Tangens	gr.30: 0′: 0″ .	9,76143,93726	*Logarithmus Tangentis.*
		0,23856,06274	*Compl.Arith.Logar.Tangentis.*
Radius	gr.90: 0: 0 .	10,00000,00000	
Tangens	gr.22:53:30 $\frac{3679}{}$	9,62556,68364	
Sinus	gr.47: 0: 0 .	~~1~~9,86412,74638	

Vel ſumatur Logarithmus Tangentis Complementi, & binarius ad ſiniſtram ſummæ emergens auferatur: nam Logarithmus Tangentis complementi exceptâ Characteriſticâ idem eſt cum complemento Arithmetico.

Quòd ſi numeri quatuor proportionales non exprimant lineas ſed rectangula, ut cùm datis tribus Lateribus quæritur Angulus aliquis, vel contra; ſumi poterunt complementa Arithmetica pro utroque Logarithmo primi rectanguli; Quod ſi fiat, omnia per ſolam additionem perficiuntur. Exemplis utamur Probl.11.Cap.4. 6.

Crura P Z	*gr.*30: 0′: 0″ $\frac{0000}{}$	*Log.Sin.*	9,69897,00043	*Compl.Arith.*	0,30102,99957	11. Probl.
Crura Z S	*gr.*24: 3′:54″ $\frac{6667}{}$	*Log.Sin.*	9,61042,13585	*Compl.Arith.*	0,38957,86415	
Semiſſis ſummæ	*gr.*24: 2′:26″ $\frac{63095}{}$			*Log.Sinus*	9,61000,60651	
Semiſſis differentiæ	*gr.*18: 6′:21″ $\frac{29765}{}$			*Log.Sinus*	9,49244,54769	
Summa					19,79306,01792	
Semiſſis ſummæ ut ſupra					9,89653,00896	

		Log. Sinuum.			
Semiſſis ſummæ Laterum	*gr.*48: 6′:21″ $\frac{29765}{}$	9,87179,49866	*Compl.Arith.*	0,12820,50134	11. Probl.
Differentia prima . .	*gr.* 5:57′:33″ $\frac{36905}{}$	9,01628,70555	*Compl.Arith.*	0,98371,29445	varietate tertiâ.
			Differentiæ ſecundæ Log. Sinus.	9,49244,54770	
			Differentiæ tertiæ Logar.Sinus.	9,61000,60651	
			Summa	20,21436,95000	
			Semiſſis ſummæ ut ſupra	10,10718,47500	

Hic ſumuntur complementa Arithmetica pro duobus primis Logarithmis, quia hi duo inſerviunt primo rectangulo è quatuor proportionalibus, atque omittitur Logarithmus duplicati Radii pro ſubtractione binarii è ſummâ, quę proveniret ex additione quinque Logarithmorum: quemadmodum *D.Briggius* admonuit.

Atque hìc Libri ſecundi finis eſto. Ne autem ſequens pagina vacua relinqueretur, omnium Caſuum Triangulorum Sphæricorum, tàm Rectangulorum quàm Obliquangulorum, brevem Synopſim adjiciam.

In

In Triangulis Sphæricis Rectangulis.

Datis *Hypotenusâ & Angulo ipsi contermino*, habetur CRVS Angulo dato oppositum, per Probl. 1. CAP. 3.

Datis *Hypotenusâ & Crure*, habetur CRVS reliquum, per Probl. 2.

Datis *Angulis Obliquis*, habetur CRVS utrumlibet, per Probl. 3.

Datis *Crure & Angulo Cruri dato contermino*, habetur CRVS reliquū, per Probl. 4.

Datis *Crure & Angulo ipsi opposito*, habetur CRVS reliquum, per Probl. 5.

Datis *Hypotenusâ & Angulo*, habetur CRVS Angulo dato conterminum, per Probl. 6.

Datis *Angulis Obliquis*, habetur HYPOTENVSA, per Probl. 7.

Datis *Cruribus*, habetur HYPOTENVSA, per Probl. 8.

Datis *Crure & Angulo ipsi opposito*, habetur HYPOTENVSA, per Probl. 9.

Datis *Crure & Angulo ipsi contermino*, habetur HYPOTENVSA, per Probl. 10.

Datis *Angulo & Crure ipsi contermino*, habetur ANGVLVS reliquus, per Probl. 11.

Datis *Angulo & Crure ipsi opposito*, habetur ANGVLVS reliquus, per Probl. 12.

Datis *Hypotenusâ & Crure*, habetur ANGVLVS Cruri dato oppositus, per Probl. 13.

Datis *Cruribus*, habetur ANGVLVS alteruter, per Probl. 14.

Datis *Hypotenusâ & Crure*, habetur ANGVLVS ab iisdem comprehensus, per Probl. 15.

Datis *Hypotenusâ & Angulo*, habetur ANGVLVS reliquus, per Probl. 16.

In Triangulis Sphericis Obliquangulis.

Datis *Angulis duobus & Latere alteri datorum opposito*, habetur LATVS reliquo Angulo oppositum, per Probl. 1. CAP. 4.

Datis *Lateribus duobus & Angulo ab iisdem comprehenso*, habetur LATVS reliquum, per Probl. 2.

Datis *Angulis duobus & Latere alteri datorum opposito*, habetur LATVS ab iisdem comprehensum, per Probl. 3.

Datis *Lateribus duobus & Angulo alteri datorum opposito*, habetur LATVS reliquum, per Probl. 4.

Datis *Angulis duobus cum Latere ab iisdem comprehenso*, habetur LATVS alterutrū, Per Probl. 5.

Datis *Lateribus duobus & Angulo alteri datorum opposito*, habetur ANGVLVS reliquo Lateri oppositus, per Probl. 6.

Datis *Angulis duobus & Latere ab iisdem comprehenso*, habetur ANGVLVS reliquus, per Probl. 7.

Datis *Lateribus duobus & Angulo alteri datorum opposito*, habetur ANGVLVS ab iisdem comprehensus, per Probl. 8.

Datis *Angulus duobus & Latere alteri datorum opposito*, habetur ANGVLVS reliquus, per Probl. 9.

Datis *Lateribus duobus cum Angulo ab iisdem comprehenso*, habetur ANGVLVS alteruter, per Probl. 10.

Datis *singulis Lateribus*, habetur ANGVLVS quilibet, per Probl. 11.

Datis *Angulis*, habetur LATVS quodlibet, per Probl. 12.

FINIS.

MAGNVS

MAGNVS CANON TRIANGVLORVM,

Continens LOGARITHMOS Sinuum & Tangentium ad dena Scrupula Secunda.

0

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Dif.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
0	0	0		10,00000,00000	5	0		Infinita.	0	60
	10	5,68557,48665	30102,99952	9,99999,99995	15	5,68557,48670	30102,99967	14,31442,51330	50	
	20	5,98660,48617	17609,12581	9,99999,99980	26	5,98660,48637	17609,12607	14,01339,51363	40	
	30	6,16269,61198	12493,87356	9,99999,99954	36	6,16269,61244	12493,87392	13,83730,38756	30	
	40	6,28763,48554	9691,00119	9,99999,99918	46	6,28763,48636	9691,00165	13,71236,51364	20	
	50	6,38454,48673	7918,12436	9,99999,99872	56	6,38454,48801	7918,12492	13,61545,51199	10	
1	0	6,46372,61109	6694,67876	9,99999,99816	66	6,46372,61293	6694,67942	13,53627,38707	0	59
	10	6,53067,28985	5799,19444	9,99999,99750	77	6,53067,29235	5799,19521	13,46932,70765	50	
	20	6,58866,48429	5115,25194	9,99999,99673	87	6,58866,48756	5115,25281	13,41133,51244	40	
	30	6,63981,73623	4575,74879	9,99999,99586	97	6,63981,74037	4575,74976	13,36018,25963	30	
	40	6,68557,48502	4139,26814	9,99999,99489	107	6,68557,49013	4139,26921	13,31442,50987	20	
	50	6,72696,75316	3778,85566	9,99999,99382	117	6,72696,75934	3778,85683	13,27303,24066	10	
2	0	6,76475,60882	3476,21022	9,99999,99265	128	6,76475,61617	3476,21150	13,23524,38383	0	58
	10	6,79951,81904	3218,46788	9,99999,99137	138	6,79951,82767	3218,46926	13,20048,17233	50	
	20	6,83170,28692	2996,32183	9,99999,98999	148	6,83170,29693	2996,32331	13,16829,70307	40	
	30	6,86166,60875	2802,87184	9,99999 98851	158	6,86166,62024	2802,87342	13,13833,37976	30	
	40	6,88969,48059	2632,89330	9,99999,98693	168	6,88969,49366	2632,89498	13,11030,50634	20	
	50	6,91602,37389	2482,35777	9,99999,98525	179	6,91602,38864	2482,35956	13,08397,61136	10	
3	0	6,94084,73166	2348,10899	9,99999,98346	189	6,94084,74820	2348,11088	13,05915,25180	0	57
	10	6,96432,84065	2227,63883	9,99999,98157	199	6,96432,85908	2227,64082	13,03567,14092	50	
	20	6,98660,47948	2118,92916	9,99999,97958	209	6,98660,49990	2118,93125	13,01339,50010	40	
	30	7,00779,40864	2020,33791	9,99999,97749	219	7,00779,43115	2020,34010	12,99220,56885	30	
	40	7,02790,74655	1930,51471	9,99999,97530	230	7,02799,77125	1930,51701	12,97200,22875	20	
	50	7,04730,26126	1848,33978	9,99999,97300	240	7,04730,28826	1848,34218	12,95269,71174	10	
4	0	7,06578,60104	1772,87588	9,99999,97060	250	7,06578,63044	1772,87838	12,93421,36956	0	56
	10	7,08351,47692	1703,33306	9,99999,96810	260	7,08351,50882	1703,33566	12,91648,49118	50	
	20	7,10054,80998	1639,04071	9,99999,96550	271	7,10054,84448	1639,04342	12,89945,15552	40	
	30	7,11693,85069	1579,42579	9,99999,96279	281	7,11693,88790	1579,42860	12,88306,11210	30	
	40	7,13273,27648	1523,99566	9,99999,95998	291	7,13273,31650	1523,99857	12,86726,68350	20	
	50	7,14797,27214	1472,32469	9,99999,95707	301	7,14797,31507	1472,32770	12,85202,68493	10	
5	0	7,16269,59683	1424,04288	9,99999,95406	311	7,16269,64277	1424,04599	12,83730,35723	0	55
	10	7,17693,63971	1378,82738	9,99999,95095	322	7,17693,68876	1378,83060	12,82306,31124	50	
	20	7,19072,46709	1336,39504	9,99999,94773	332	7,19072,51936	1336,39836	12,80927,48064	40	
	30	7,20408,86213	1296,49658	9,99999,94441	342	7,20408,91772	1296,50000	12,79591,08228	30	
	40	7,21705,35871	1258,91157	9,99999,94099	352	7,21705,41772	1258,91509	12,78294,58228	20	
	50	7,22964,27028	1223,44441	9,99999,93747	362	7,22964,33281	1223,44803	12,77035,66719	10	
6	0	7,24187,71469	1189,92111	9,99999,93385	373	7,24187,78084	1189,92484	12,75812,21916	0	54
	10	7,25377,63580	1158,18599	9,99999,93012	383	7,25377,70568	1158,18982	12,74622,29432	50	
	20	7,26535,82179	1128,09972	9,99999,92629	393	7,26535,89550	1128,10365	12,73464,10450	40	
	30	7,27663,92151	1099,53712	9,99999,92236	403	7,27663,99915	1099,54115	12,72336,00085	30	
	40	7,28763,45863	1072,38511	9,99999,91833	413	7,28763,54030	1072,38924	12,71236,45970	20	
	50	7,29835,84374	1046,54196	9,99999,91420	424	7,29835,92954	1046,54620	12,70164,07046	10	
7	0	7,30882,38570	1021,91509	9,99999,90996	434	7,30882,47574	1021,91943	12,69117,52426	0	53
	10	7,31904,30079	998,42063	9,99999,90562	444	7,31904,39517	998,42507	12,68095,60483	50	
	20	7,32902,72142	975,98218	9,99999,90118	454	7,32902,82024	975,98672	12,67097,17976	40	
	30	7,33878,70360	954,53023	9,99999,89664	464	7,33878,80696	954,53487	12,66121,19304	30	
	40	7,34833,23383	934,00103	9,99999,89200	475	7,34833,34183	934,00578	12,65166,65817	20	
	50	7,35767,23486	914,33635	9,99999,88725	485	7,35767,34761	914,34120	12,64232,65239	10	
8	0	7,36681,57121	895,48263	9,99999,88240	495	7,36681,68881	895,48758	12,63318,31119	0	52
	10	7,37577,05384	877,39075	9,99999,87745	505	7,37577,17639	877,39580	12,62422,82361	50	
	20	7,38454,44459	860,01545	9,99999,87240	515	7,38454,57219	860,02060	12,61545,42781	40	
	30	7,39314,46004	843,31501	9,99999,86725	526	7,39314,59279	843,32027	12,60685,40721	30	
	40	7,40157,77505	827,25078	9,99999,86199	536	7,40157,91306	827,25614	12,59842,08694	20	
	50	7,40985,02583	811,78722	9,99999,85663	546	7,40985,16920	811,79268	12,59014,83080	10	
9	0	7,41796,81305	796,89110	9,99999,87117	556	7,41796,96188	796,95666	12,58203,03812	0	51
	10	7,42593,70415	782,53188	9,99999,84561	567	7,42593,85854	782,53755	12,57406,14146	50	
	20	7,43376,23603	768,68093	9,99999,83994	577	7,43376,39609	768,68670	12,56623,60391	40	
	30	7,44144,91696	755,31182	9,99999,83417	587	7,44145,08279	755,31769	12,55854,91721	30	
	40	7,44900,22878	742,39982	9,99999,82830	597	7,44900,40048	742,40579	12,55099,59952	20	
	50	7,45642,62860	729,92186	9,99999,82233	607	7,45642,80627	729,92793	12,54357,19373	10	
10	0	7,46372,55046	717,85640	9,99999,81626	618	7,46372,73420	717,86258	12,53627,26580	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Dif.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0										
10	0	7,46372,55046	717,85640	9,99999,81626	618	7,46372,73420	717,86258	12,53627,26580	0	50
	10	7,47090,40686	706,18337	9,99999,81008	628	7,47090,59678	706,18965	12,52909,40322	50	
	20	7,47796,59023	694,88387	9,99999,80380	638	7,47796,78643	694,89025	12,52203,21357	40	
	30	7,48491,47410	683,94029	9,99999,79742	648	7,48491,67668	683,94677	12,51508,32332	30	
	40	7,49175,41439	673,33607	9,99999,79094	658	7,49175,62345	673,34265	12,50824,37655	20	
	50	7,49848,75046	663,05565	9,99999,78436	669	7,49848,96610	663,06234	12,50151,03390	10	
11	0	7,50511,80611	653,08448	9,99999,77767	679	7,50512,02844	653,09127	12,49487,97156	0	49
	10	7,51164,89059	643,40868	9,99999,77088	689	7,51165,11971	643,41557	12,48834,88029	50	
	20	7,51808,29927	634,01547	9,99999,76399	699	7,51808,53528	634,02246	12,48191,46472	40	
	30	7,52442,31474	624,89258	9,99999,75700	709	7,52442,55774	624,89967	12,47557,44226	30	
	40	7,53067,20732	616,02844	9,99999,74991	720	7,53067,45741	616,03564	12,46932,54259	20	
	50	7,53683,23576	607,41235	9,99999,74271	730	7,53683,49305	607,41965	12,46316,50695	10	
12	0	7,54290,64811	599,03388	9,99999,73541	740	7,54290,91270	599,04128	12,45709,08730	0	48
	10	7,54889,68199	590,88350	9,99999,72801	750	7,54889,95398	590,89100	12,45110,04602	50	
	20	7,55480,56549	582,95181	9,99999,72051	761	7,55480,84498	582,95942	12,44519,15502	40	
	30	7,56063,51730	575,23035	9,99999,71290	771	7,56063,80440	575,23806	12,43936,19560	30	
	40	7,56638,74765	567,71068	9,99999,70519	781	7,56639,04246	567,71849	12,43360,95754	20	
	50	7,57206,45833	560,38511	9,99999,69738	791	7,57206,76095	560,39302	12,42793,23905	10	
13	0	7,57766,84344	553,24619	9,99999,68947	801	7,57767,15397	553,25420	12,42232,84603	0	47
	10	7,58320,08963	546,28690	9,99999,68146	812	7,58320,40817	546,29502	12,41679,59183	50	
	20	7,58866,37653	539,50040	9,99999,67334	822	7,58866,70319	539,50862	12,41133,29681	40	
	30	7,59405,87693	532,88058	9,99999,66512	832	7,59406,21181	532,88890	12,40593,78819	30	
	40	7,59938,75751	526,42118	9,99999,65680	842	7,59939,10071	526,42960	12,40060,89929	20	
	50	7,60465,17869	520,11654	9,99999,64838	852	7,60465,53031	520,12506	12,39534,46969	10	
14	0	7,60985,29523	513,96112	9,99999,63986	863	7,60985,65537	513,96975	12,39014,34463	0	46
	10	7,61499,25635	507,94963	9,99999,63123	873	7,61499,62512	507,95836	12,38500,37488	50	
	20	7,62007,20598	502,07718	9,99999,62250	883	7,62007,58348	502,08601	12,37992,41652	40	
	30	7,62509,28316	496,33901	9,99999,61367	893	7,62509,66949	496,34794	12,37490,33051	30	
	40	7,63005,62217	490,73041	9,99999,60474	903	7,63006,01743	490,73944	12,36993,98257	20	
	50	7,63496,35258	485,24723	9,99999,59571	913	7,63496,75687	485,25636	12,36503,24313	10	
15	0	7,63981,59981	479,88521	9,99999,58658	924	7,63982,01323	479,89445	12,36017,98677	0	45
	10	7,64461,48502	474,64038	9,99999,57734	934	7,64461,90768	474,64972	12,35538,09232	50	
	20	7,64936,12540	469,50898	9,99999,56800	944	7,64936,55740	469,51842	12,35063,44260	40	
	30	7,65405,63438	464,48730	9,99999,55856	954	7,65406,07582	464,49684	12,34593,92418	30	
	40	7,65870,12168	459,57197	9,99999,54902	965	7,65870,57266	459,58162	12,34129,42734	20	
	50	7,66329,69365	454,75953	9,99999,53937	975	7,66330,15428	454,76928	12,33669,84572	10	
16	0	7,66784,45318	450,04684	9,99999,52962	985	7,66784,92356	450,05669	12,33215,07644	0	44
	10	7,67234,50002	445,43084	9,99999,51977	995	7,67234,98025	445,44079	12,32765,01975	50	
	20	7,67679,93086	440,90853	9,99999,50982	1006	7,67680,42104	440,91859	12,32319,57896	40	
	30	7,68120,83939	436,47717	9,99999,49976	1016	7,68121,33963	436,48733	12,31878,66037	30	
	40	7,68557,31656	432,13394	9,99999,48960	1026	7,68557,82696	432,14420	12,31442,17304	20	
	50	7,68989,45050	427,87636	9,99999,47934	1036	7,68989,97116	427,88672	12,31010,02884	10	
17	0	7,69417,32686	423,70181	9,99999,46898	1046	7,69417,85788	423,71227	12,30582,14212	0	43
	10	7,69841,02867	419,60794	9,99999,45852	1057	7,69841,57015	419,61851	12,30158,42985	50	
	20	7,70260,63661	415,59242	9,99999,44795	1067	7,70261,18866	415,60309	12,29738,81134	40	
	30	7,70676,22903	411,65300	9,99999,43728	1077	7,70676,79175	411,66377	12,29323,20825	30	
	40	7,71087,88203	407,78765	9,99999,42651	1087	7,71088,45552	407,79852	12,28911,54448	20	
	50	7,71495,66968	403,99411	9,99999,41564	1097	7,71496,25404	404,00508	12,28503,74596	10	
18	0	7,71899,66379	400,27056	9,99999,40467	1107	7,71900,25912	400,28163	12,28099,74088	0	42
	10	7,72299,93435	396,61498	9,99999,39360	1118	7,72300,54075	396,62616	12,27699,45925	50	
	20	7,72696,54933	393,02565	9,99999,38242	1128	7,72697,16691	393,03693	12,27302,83309	40	
	30	7,73089,57498	389,50056	9,99999,37114	1138	7,73090,20384	389,51194	12,26909,79616	30	
	40	7,73479,07554	386,03824	9,99999,35976	1148	7,73479,71578	386,04972	12,26520,28422	20	
	50	7,73865,11378	382,63692	9,99999,34828	1159	7,73865,76550	382,64851	12,26134,23450	10	
19	0	7,74247,75070	379,29502	9,99999,33669	1169	7,74248,41401	379,30671	12,25751,58599	0	41
	10	7,74627,04572	376,01093	9,99999,32500	1179	7,74627,72072	376,02272	12,25372,27928	50	
	20	7,75003,05665	372,78331	9,99999,31321	1189	7,75003,74344	372,79520	12,24996,25656	40	
	30	7,75375,83996	369,61054	9,99999,30132	1199	7,75376,53864	369,62253	12,24623,46136	30	
	40	7,75745,45050	366,49140	9,99999,28933	1210	7,75746,16117	366,50350	12,24253,83883	20	
	50	7,76111,94190	363,42439	9,99999,27723	1220	7,76112,66457	363,43659	12,23887,33533	10	
20	0	7,76475,36629	360,40830	9,99999,26503	1230	7,76476,10126	360,42060	12,23523,89874	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

0 M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Dif.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	7,76475,36629	360,40830	9,99999,26503	1230	7,76476,10126	360,42060	12,23523,89874	0	40
	10	7,76835,77459	357,44192	9,99999,25273	1240	7,76836,52186	357,45432	12,23163,47814	50	
	20	7,77193,21651	354,52390	9,99999,24033	1251	7,77193,97618	354,53641	12,22806,02382	40	
	30	7,77547,74041	351,65319	9,99999,22782	1261	7,77548,51259	351,66580	12,22451,48741	30	
	40	7,77899,39360	348,82854	9,99999,21521	1271	7,77900,17839	348,84125	12,22099,82161	20	
	50	7,78248,22214	346,04895	9,99999,20250	1281	7,78249,01964	346,06176	12,21750,98036	10	
21	0	7,78594,27109	343,31329	9,99999,18969	1291	7,78595,08140	343,32620	12,21404,91860	0	39
	10	7,78937,58438	340,62052	9,99999,17678	1301	7,78938,40760	340,63353	12,21061,59240	50	
	20	7,79278,20490	337,96967	9,99999,16377	1312	7,79279,04113	337,98279	12,20720,95887	40	
	30	7,79616,17457	335,35982	9,99999,15065	1322	7,79617,02392	335,37304	12,20382,97608	30	
	40	7,79951,53439	332,78986	9,99999,13743	1332	7,79952,39696	332,80318	12,20047,60304	20	
	50	7,80284,32425	330,25910	9,99999,12411	1342	7,80285,20014	330,27252	12,19714,79986	10	
22	0	7,80614,58335	327,76646	9,99999,11069	1352	7,80615,47266	327,77998	12,19384,52734	0	38
	10	7,80942,34981	325,31123	9,99999,09717	1363	7,80943,25264	325,32486	12,19056,74736	50	
	20	7,81267,66104	322,89242	9,99999,08354	1373	7,81268,57750	322,90615	12,18731,42250	40	
	30	7,81590,55346	320,50937	9,99999,06981	1383	7,81591,48365	320,52320	12,18408,51635	30	
	40	7,81911,06283	318,16124	9,99999,05598	1393	7,81912,00685	318,17517	12,18087,99315	20	
	50	7,82229,22407	315,84724	9,99999,04205	1404	7,82230,18202	315,86128	12,17769,81798	10	
23	0	7,82545,07131	313,56668	9,99999,02801	1414	7,82546,04330	313,58082	12,17453,95670	0	37
	10	7,82858,63799	311,31881	9,99999,01387	1424	7,82859,62412	311,33305	12,17140,37588	50	
	20	7,83169,95680	309,10290	9,99998,99963	1434	7,83170,95717	309,11724	12,16829,04283	40	
	30	7,83479,05970	306,91834	9,99998,98529	1444	7,83480,07441	306,93278	12,16519,92559	30	
	40	7,83785,97804	304,76447	9,99998,97085	1455	7,83787,00719	304,77902	12,16212,99281	20	
	50	7,84090,74251	302,64058	9,99998,95630	1465	7,84091,78621	302,65523	12,15908,21379	10	
24	0	7,84393,38309	300,54609	9,99998,94165	1475	7,84394,44144	300,56084	12,15605,55856	0	36
	10	7,84693,92918	298,48039	9,99998,92690	1485	7,84695,00228	298,49524	12,15304,99772	50	
	20	7,84992,40957	296,44292	9,99998,91205	1496	7,84993,49752	296,45788	12,15006,50248	40	
	30	7,85288,85249	294,43308	9,99998,89709	1506	7,85289,95540	294,44814	12,14710,04460	30	
	40	7,85583,28557	292,45022	9,99998,88203	1516	7,85584,40354	292,46538	12,14415,59646	20	
	50	7,85875,73579	290,49398	9,99998,86687	1526	7,85876,86892	290,50924	12,14123,13108	10	
25	0	7,86166,22977	288,56371	9,99998,85161	1536	7,86167,37816	288,57907	12,13832,62184	0	35
	10	7,86454,79348	286,65893	9,99998,83625	1547	7,86455,95723	286,67440	12,13544,04277	50	
	20	7,86741,45241	284,77909	9,99998,82078	1557	7,86742,63163	284,79466	12,13257,36837	40	
	30	7,87026,23150	282,92378	9,99998,80521	1567	7,87027,42629	282,93945	12,12972,57371	30	
	40	7,87309,15528	281,09245	9,99998,78954	1577	7,87310,36574	281,10822	12,12689,63426	20	
	50	7,87590,24773	279,28475	9,99998,77377	1587	7,87591,47396	279,30062	12,12408,52604	10	
26	0	7,87869,53248	277,50208	9,99998,75790	1598	7,87870,77458	277,51606	12,12129,22542	0	34
	10	7,88147,03256	275,73810	9,99998,74192	1608	7,88148,29064	275,75418	12,11851,70936	50	
	20	7,88422,77066	273,99834	9,99998,72584	1618	7,88424,04482	274,01452	12,11575,95518	40	
	30	7,88696,76900	272,28044	9,99998,70966	1628	7,88698,05934	272,29672	12,11301,94066	30	
	40	7,88969,04944	270,58385	9,99998,69338	1638	7,88970,35606	270,60023	12,11029,64394	20	
	50	7,89239,63329	268,90833	9,99998,67700	1649	7,89240,95629	268,92482	12,10759,04371	10	
27	0	7,89508,54162	267,25350	9,99998,66051	1659	7,89509,88111	267,27009	12,10490,11889	0	33
	10	7,89775,79512	265,61876	9,99998,64392	1669	7,89777,15120	265,63545	12,10222,84880	50	
	20	7,90041,41388	264,00402	9,99998,62723	1679	7,90042,78665	264,02080	12,09957,21335	40	
	30	7,90305,41790	262,40874	9,99998,61044	1689	7,90306,80745	262,42564	12,09693,19255	30	
	40	7,90567,82664	260,83268	9,99998,59355	1700	7,90569,23309	260,84968	12,09430,76691	20	
	50	7,90828,65932	259,27534	9,99998,57655	1710	7,90830,08277	259,29244	12,09169,91723	10	
28	0	7,91087,93466	257,73658	9,99998,55945	1720	7,91089,37521	257,75378	12,08910,62479	0	32
	10	7,91345,67124	256,21591	9,99998,54225	1730	7,91347,12899	256,23321	12,08652,87101	50	
	20	7,91601,88715	254,71309	9,99998,52495	1740	7,91603,36220	254,73049	12,08396,63780	40	
	30	7,91856,60024	253,22781	9,99998,50755	1751	7,91858,09269	253,24532	12,08141,90731	30	
	40	7,92109,82805	251,75974	9,99998,49004	1761	7,92111,33801	251,77735	12,07888,66199	20	
	50	7,92361,58779	250,30861	9,99998,47243	1771	7,92363,11536	250,32632	12,07636,88464	10	
29	0	7,92611,89640	248,87409	9,99998,45472	1781	7,92613,44168	248,89190	12,07386,55832	0	31
	10	7,92860,77049	247,45599	9,99998,43691	1792	7,92862,33358	247,47391	12,07137,66642	50	
	20	7,93108,22648	246,05382	9,99998,41899	1802	7,93109,80749	246,07184	12,06890,19251	40	
	30	7,93354,28030	244,66756	9,99998,40097	1812	7,93355,87933	244,68568	12,06644,12067	30	
	40	7,93598,94786	243,29680	9,99998,38285	1822	7,93600,56501	243,31502	12,06399,43499	20	
	50	7,93842,24466	241,94130	9,99998,36463	1832	7,93843,88003	241,95962	12,06156,11997	10	
30	0	7,94084,18506	240,60084	9,99998,34631	1843	7,94085,83965	240,61927	12,05914,16035	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Dif.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	7,94084,18596	240,60084	9,99998,34631	1843	7,94085,83965	240,61927	12,05914,16035	0	30
	10	7,94324,78680	239,27513	9,99998,32788	1853	7,94326,45892	239,29366	12,05673,54108	50	
	20	7,94564,06193	237,96397	9,99998,30935	1863	7,94565,75258	237,98260	12,05434,24742	40	
	30	7,94802,02590	236,66707	9,99998,29072	1873	7,94803,73518	236,68580	12,05196,26482	30	
	40	7,95038,69297	235,38425	9,99998,27199	1883	7,95040,42098	235,40308	12,04959,57902	20	
	50	7,95274,07722	234,11529	9,99998,25316	1894	7,95275,82406	234,13423	12,04724,17594	10	
31	0	7,95508,19251	232,85987	9,99998,23422	1904	7,95509,95829	232,87891	12,04490,04171	0	29
	10	7,95741,05238	231,61789	9,99998,21518	1914	7,95742,83720	231,63703	12,04257,16280	50	
	20	7,95972,67027	230,38908	9,99998,19604	1924	7,95974,47423	230,40832	12,04025,52577	40	
	30	7,96203,05935	229,17324	9,99998,17680	1935	7,96204,88255	229,19259	12,03795,11745	30	
	40	7,96432,23259	227,97015	9,99998,15745	1945	7,96434,07514	227,98960	12,03565,92486	20	
	50	7,96660,20274	226,77963	9,99998,13800	1955	7,96662,06474	226,79918	12,03337,93526	10	
32	0	7,96886,98237	225,60150	9,99998,11845	1965	7,96888,86392	225,62115	12,03111,13608	0	28
	10	7,97112,58387	224,43549	9,99998,09880	1975	7,97114,48507	224,45524	12,02885,51493	50	
	20	7,97337,01936	223,28152	9,99998,07905	1985	7,97338,94031	223,30137	12,02661,05969	40	
	30	7,97560,30088	222,13937	9,99998,05920	1996	7,97562,24168	222,15933	12,02437,75832	30	
	40	7,97782,44025	221,00878	9,99998,03924	2006	7,97784,40101	221,02884	12,02215,59899	20	
	50	7,98003,44903	219,88969	9,99998,01918	2016	7,98005,42985	219,90985	12,01994,57015	10	
33	0	7,98223,33872	218,78185	9,99997,99902	2026	7,98225,33970	218,80211	12,01774,66030	0	27
	10	7,98442,12057	217,68516	9,99997,97876	2037	7,98444,14181	217,70553	12,01555,85819	50	
	20	7,98659,80573	216,59934	9,99997,95839	2047	7,98661,84734	216,61981	12,01338,15266	40	
	30	7,98876,40507	215,52434	9,99997,93792	2057	7,98878,46715	215,54491	12,01121,53285	30	
	40	7,99091,92941	214,45998	9,99997,91735	2067	7,99094,01206	214,48065	12,00905,98794	20	
	50	7,99306,38939	213,40602	9,99997,89668	2077	7,99308,49271	213,42679	12,00691,50729	10	
34	0	7,99519,79541	212,36242	9,99997,87591	2088	7,99521,91950	212,38330	12,00478,08050	0	26
	10	7,99732,15783	211,32893	9,99997,85503	2098	7,99734,30280	211 34991	12,00265,69720	50	
	20	7,99943,48676	210,30548	9,99997,83405	2108	7,99945,65271	210,32656	12,00054,34729	40	
	30	8,00153,79224	209,29189	9,99997,81297	2118	8,00155,97927	209,31307	11,99844,02073	30	
	40	8,00363,08413	208,28801	9,99997,79179	2128	8,00365,29234	208,30929	11,99634,70766	20	
	50	8,00571,37214	207,29374	9,99997,77051	2139	8,00573,60163	207,31512	11,99426,39837	10	
35	0	8,00778,66588	206,30888	9,99997,74912	2149	8,00780,91675	206,33038	11,99219,08325	0	25
	10	8,00984,97476	205,33335	9,99997,72763	2159	8,00987,24713	205,35494	11,99012,75287	50	
	20	8,01190,30811	204,36704	9,99997,70604	2169	8,01192,60207	204,38873	11,98807,39793	40	
	30	8,01394,67515	203,40974	9,99997,68435	2179	8,01396,99080	203,43153	11,98603,00920	30	
	40	8,01598,08489	202,46136	9,99997,66256	2190	8,01600,42233	202,48326	11,98399,57767	20	
	50	8,01800,54625	201,52178	9,99997,64066	2200	8,01802,90559	201,54378	11,98197,09441	10	
36	0	8,02002,06803	200,59090	9,99997,61866	2210	8,02004,44937	200,61300	11,97995,55063	0	24
	10	8,02202,65893	199,66859	9,99997,59656	2220	8,02205,06237	199,69079	11,97794,93763	50	
	20	8,02402,32752	198,75468	9,99997,57436	2230	8,02404,75316	198,77698	11,97595,24684	40	
	30	8,02601,08220	197,84912	9,99997,55206	2241	8,02603,53014	197,87153	11,97396,46986	30	
	40	8,02798,93132	196,95179	9,99997,52965	2251	8,02801,40167	196,97430	11,97198,59833	20	
	50	8,02995,88311	196,06258	9,99997,50714	2261	8,02998,37597	196,08519	11,97001,62403	10	
37	0	8,03191,94569	195,18125	9,99997,48453	2271	8,03194,46116	195,20396	11,96805,53884	0	23
	10	8,03387,12694	194,30793	9,99997,46182	2282	8,03389,66512	194,33075	11,96610,33488	50	
	20	8,03581,43487	193,44233	9,99997,43900	2292	8,03583,99587	193,46525	11,96416,00413	40	
	30	8,03774,87720	192,58443	9,99997,41608	2302	8,03777,46112	192,60745	11,96222,53888	30	
	40	8,03967,46163	191,73409	9,99997,39306	2312	8,03970,06857	191,75721	11,96029,93143	20	
	50	8,04159,19572	190,89124	9,99997,36994	2322	8,04161,82578	190,91446	11,95838,17422	10	
38	0	8,04350,08696	190,05577	9,99997,34672	2333	8,04352,74024	190,07910	11,95647,25976	0	22
	10	8,04540,14273	189,22756	9,99997,32339	2343	8,04542,81934	189,25099	11,95457,18066	50	
	20	8,04729,37029	188,40654	9,99997,29996	2353	8,04732,07033	188,43007	11,95267,92967	40	
	30	8,04917,77683	187,59260	9,99997,27643	2363	8,04920,50040	187,61623	11,95079,49960	30	
	40	8,05105,36943	186,78570	9,99997,25280	2373	8,05108,11663	186,80943	11,94891,88337	20	
	50	8,05292,15513	185,98572	9,99997,22907	2384	8,05294,92606	186,00956	11,94705,07394	10	
39	0	8,05478,14085	185,19252	9,99997,20523	2394	8,05480,93562	185,21646	11,94519,06438	0	21
	10	8,05663,33337	184,40603	9,99997,18129	2404	8,05666,15208	184,43007	11,94333,84792	50	
	20	8,05847,73940	183,62627	9,99997,15725	2414	8,05850,58215	183,65041	11,94149,41785	40	
	30	8,06031,36567	182,85303	9,99997,13311	2424	8,06034,23256	182,87727	11,93965,76744	30	
	40	8,06214,21870	182,08627	9,99997,10887	2435	8,06217,10983	182,11062	11,93782,89017	20	
	50	8,06396,30497	181,32592	9,99997,08452	2445	8,06399,22045	181,35037	11,93600,77955	10	
40	0	8,06577,63089	180,57191	9,99997,06007	2455	8,06580,57082	180,59646	11,93419,42918	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Dif.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl· Logarithmi.		
40	0	8,06577,63089	180,57191	9,99997,06007	2455	8,06580,57082	180,59646	11,93419,42918	0	20
	10	8,06758,20280	179,82409	9,99997,03552	2465	8,06761,16728	179,84874	11,93238,83272	50	
	20	8,06938,02689	179,08254	9,99997,01087	2475	8,06941,01602	179,10729	11,93058,98398	40	
	30	8,07117,10943	178,34698	9,99996,98612	2486	8,07120,12331	178,37184	11,92879,87669	30	
	40	8,07295,45641	177,61748	9,99996,96126	2496	8,07298,49515	177,64244	11,92701,50485	20	
	50	8,07473,07389	176,89391	9,99996,93630	2506	8,07476,13759	176,91897	11,92523,86241	10	
41	0	8,07649,96780	176,17623	9,99996,91124	2516	8,07653,05656	176,20139	11,92346,94344	0	19
	10	8,07826,14403	175,46435	9,99996,88608	2527	8,07829,25795	175,48962	11,92170,74205	50	
	20	8,08001,60838	174,75820	9,99996,86081	2537	8,08004,74757	174,78357	11,91995,25243	40	
	30	8,08176,36658	174,05763	9,99996,83544	2547	8,08179,53114	174,08310	11,91820,46886	30	
	40	8,08350,42421	173,36275	9,99996,80997	2557	8,08353,61424	173,38832	11,91646,38576	20	
	50	8,08523,78696	172,67339	9,99996,78440	2567	8,08527,00256	172,69906	11,91472,99744	10	
42	0	8,08696,46035	171,98943	9,99996,75873	2578	8,08699,70162	172,01521	11,91300,29838	0	18
	10	8,08868,44978	171,31095	9,99996,73295	2588	8,08871,71683	171,33683	11,91128,28317	50	
	20	8,09039,76073	170,63770	9,99996,70707	2598	8,09043,05366	170,66368	11,90956,94634	40	
	30	8,09210,39843	169,96981	9,99996,68109	2608	8,09213,71734	169,99589	11,90786,28266	30	
	40	8,09380,36824	169,30707	9,99996,65501	2618	8,09383,71323	169,33325	11,90616,28677	20	
	50	8,09549,67531	168,64948	9,99996,62883	2629	8,09553,04648	168,67577	11,90446,95352	10	
43	0	8,09718,32479	167,99703	9,99996,60254	2639	8,09721,72225	168,02342	11,90278,27775	0	17
	10	8,09886,32182	167,34957	9,99996,57615	2649	8,09889,74567	167,37606	11,90110,25433	50	
	20	8,10053,67139	166,70706	9,99996,54966	2659	8,10057,12173	166,73365	11,89942,87827	40	
	30	8,10220,37845	166,06948	9,99996,52307	2670	8,10223,85538	166,09618	11,89776,14462	30	
	40	8,10386,44793	165,43681	9,99996,49637	2680	8,10389,95156	165,46361	11,89610,04844	20	
	50	8,10551,88474	164,80887	9,99996,46957	2690	8,10555,41517	164,83577	11,89444,58483	10	
44	0	8,10716,69361	164,18570	9,99996,44267	2700	8,10720,25094	164,21270	11,89279,74906	0	16
	10	8,10880,87931	163,56724	9,99996,41567	2710	8,10884,46364	163,59434	11,89115,53636	50	
	20	8,11044,44655	162,95341	9,99996,38857	2721	8,11048,05798	162,98062	11,88951,94202	40	
	30	8,11207,39996	162,34419	9,99996,36136	2731	8,11211,03860	162,37150	11,88788,96140	30	
	40	8,11369,74415	161,73944	9,99996,33405	2741	8,11373,41010	161,76685	11,88626,58990	20	
	50	8,11531,48359	161,13925	9,99996,30664	2751	8,11535,17695	161,16676	11,88464,82305	10	
45	0	8,11692,62284	160,54345	9,99996,27913	2761	8,11696,34371	160,57106	11,88303,65629	0	15
	10	8,11853,16629	159,95209	9,99996,25152	2772	8,11856,91477	159,97981	11,88143,08523	50	
	20	8,12013,11838	159,36501	9,99996,22380	2782	8,12016,89458	159,39283	11,87983,10542	40	
	30	8,12172,48339	158,78230	9,99996,19598	2792	8,12176,28741	158,81022	11,87823,71259	30	
	40	8,12331,26569	158,20374	9,99996,16806	2802	8,12335,09763	158,23176	11,87664,90237	20	
	50	8,12489,46943	157,62946	9,99996,14004	2812	8,12493,32939	157,65758	11,87506,67061	10	
46	0	8,12647,09889	157,05929	9,99996,11192	2823	8,12650,98697	157,08752	11,87349,01303	0	14
	10	8,12804,15818	156,49325	9,99996,08369	2833	8,12808,07449	156,52158	11,87191,92551	50	
	20	8,12960,65143	155,93126	9,99996,05536	2843	8,12964,59607	155,95969	11,87035,40393	40	
	30	8,13116,58269	155,37331	9,99996,02693	2853	8,13120,55576	155,40184	11,86879,44424	30	
	40	8,13271,95600	154,81927	9,99995,99840	2863	8,13275,95760	154,84790	11,86724,04240	20	
	50	8,13426,77527	154,26929	9,99995,96977	2874	8,13430,80550	154,29803	11,86569,19450	10	
47	0	8,13581,04456	153,72309	9,99995,94103	2884	8,13585,10353	153,75193	11,86414,89647	0	13
	10	8,13734,76765	153,18081	9,99995,91219	2894	8,13738,85546	153,20975	11,86261,14454	50	
	20	8,13887,94846	152,64231	9,99995,88325	2904	8,13892,06521	152,67135	11,86107,93479	40	
	30	8,14040,59077	152,10761	9,99995,85421	2915	8,14044,73656	152,13676	11,85955,26344	30	
	40	8,14192,69838	151,57660	9,99995,82506	2925	8,14196,87332	151,60585	11,85803,12668	20	
	50	8,14344,27498	151,04933	9,99995,79581	2935	8,14348,47917	151,07868	11,85651,52083	10	
48	0	8,14495,32431	150,52568	9,99995,76646	2945	8,14499,55785	150,55513	11,85500,44215	0	12
	10	8,14645,84999	150,00566	9,99995,73701	2955	8,14650,11298	150,03521	11,85349,88702	50	
	20	8,14795,85565	149,48921	9,99995,70746	2965	8,14800,14819	149,51886	11,85199,85181	40	
	30	8,14945,34486	148,97633	9,99995,67781	2976	8,14949,66705	149,00609	11,85050,33295	30	
	40	8,15094,32119	148,46695	9,99995,64805	2986	8,15098,67314	148,49681	11,84901,32686	20	
	50	8,15242,78814	147,96101	9,99995,61819	2996	8,15247,16995	147,99097	11,84752,83005	10	
49	0	8,15390,74915	147,45853	9,99995,58823	3006	8,15395,16092	147,48859	11,84604,83908	0	11
	10	8,15538,20768	146,95949	9,99995,55817	3017	8,15542,64951	146,98966	11,84457,35049	50	
	20	8,15685,16717	146,46373	9,99995,52800	3027	8,15689,63917	146,49400	11,84310,36083	40	
	30	8,15831,63090	145,97133	9,99995,49773	3037	8,15836,13317	146,00170	11,84163,86683	30	
	40	8,15977,60223	145,48229	9,99995,46736	3047	8,15982,13487	145,51276	11,84017,86513	20	
	50	8,16123,08452	144,99643	9,99995,43689	3058	8,16127,64763	145,02701	11,83872,35237	10	
50	0	8,16268,08095	144,51386	9,99995,40631	3068	8,16272,67464	144,54454	11,83727,32536	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

0		SINVVM		Sin. comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Dif.	Logarithmi.	communes.	Logarithmi.		
50	0	8,16268,08095	144,51386	9,99995,40631	3068	8,16272,67464	144,54454	11,83727,32536	0	10
	10	8,16412,59481	144,03449	9,99995,37563	3078	8,16417,21918	144,06527	11,83582,78082	50	
	20	8,16556,62930	143,55826	9,99995,34485	3088	8,16561,28445	143,58914	11,83438,71555	40	
	30	8,16700,18756	143,08520	9,99995,31397	3098	8,16704,87359	143,11618	11,83295,12641	30	
	40	8,16843,27276	142,61518	9,99995,28299	3109	8,16847,98977	142,64627	11,83152,01023	20	
	50	8,16985,88794	142,14834	9,99995,25190	3119	8,16990,63604	142,17953	11,83009,36396	10	
51	0	8,17128,03628	141,68446	9,99995,22071	3129	8,17132,81557	141,71575	11,82867,18443	0	9
	10	8,17269,72074	141,22365	9,99995,18942	3139	8,17274,53132	141,25504	11,82725,46868	50	
	20	8,17410,94439	140,76579	9,99995,15803	3149	8,17415,78636	140,79728	11,82584,21364	40	
	30	8,17551,71018	140,31089	9,99995,12654	3160	8,17556,58364	140,34249	11,82443,41636	30	
	40	8,17692,02107	139,85899	9,99995,09494	3170	8,17696,92613	139,89069	11,82303,07387	20	
	50	8,17831,88006	139,40989	9,99995,06324	3180	8,17836,81682	139,44169	11,82163,18318	10	
52	0	8,17971,28995	138,96375	9,99995,03144	3190	8,17976,25851	138,99565	11,82023,74149	0	8
	10	8,18110,25370	138,52035	9,99994,99954	3200	8,18115,25416	138,55235	11,81884,74584	50	
	20	8,18248,77405	138,07987	9,99994,96754	3211	8,18253,80651	138,11198	11,81746,19349	40	
	30	8,18386,85392	137,64215	9,99994,93543	3221	8,18391,91849	137,67436	11,81608,08151	30	
	40	8,18524,49607	137,20719	9,99994,90322	3231	8,18529,59285	137,23950	11,81470,40715	20	
	50	8,18661,70326	136,77497	9,99994,87091	3241	8,18666,83235	136,80738	11,81333,16765	10	
53	0	8,18798,47823	136,34550	9,99994,83850	3252	8,18803,63973	136,37802	11,81196,36027	0	7
	10	8,18934,82373	135,91866	9,99994,80598	3262	8,18940,01775	135,95128	11,81059,98225	50	
	20	8,19070,74239	135,49448	9,99994,77336	3272	8,19075,96903	135,52720	11,80924,03097	40	
	30	8,19206,23687	135,07299	9,99994,74064	3282	8,19211,49623	135,10581	11,80788,50377	30	
	40	8,19341,30986	134,65407	9,99994,70782	3292	8,19346,60204	134,68699	11,80653,39796	20	
	50	8,19475,96393	134,23777	9,99994,67490	3302	8,19481,28903	134,27079	11,80518,71097	10	
54	0	8,19610,20170	133,82408	9,99994,64188	3313	8,19615,55982	133,85721	11,80384,44018	0	6
	10	8,19744,02578	133,41283	9,99994,60875	3323	8,19749,41703	133,44606	11,80250,58297	50	
	20	8,19877,43861	133,00414	9,99994,57552	3333	8,19882,86309	133,03747	11,80117,13691	40	
	30	8,20010,44275	132,59793	9,99994,54219	3343	8,20015,90056	132,63136	11,79984,09944	30	
	40	8,20143,04068	132,19427	9,99994,50876	3353	8,20148,53192	132,22780	11,79851,46808	20	
	50	8,20275,23495	131,79296	9,99994,47523	3364	8,20280,75972	131,82660	11,79719,24028	10	
55	0	8,20407,02791	131,39415	9,99994,44159	3374	8,20412,58632	131,42789	11,79587,41368	0	5
	10	8,20538,42206	130,99770	9,99994,40785	3384	8,20544,01421	131,03154	11,79455,98579	50	
	20	8,20669,41976	130,60368	9,99994,37401	3394	8,20675,04575	130,63762	11,79324,95425	40	
	30	8,20800,02344	130,21200	9,99994,34007	3405	8,20805,68337	130,24605	11,79194,31663	30	
	40	8,20930,23544	129,82262	9,99994,30602	3415	8,20935,92942	129,85677	11,79064,07058	20	
	50	8,21060,05806	129,43562	9,99994,27187	3425	8,21065,78619	129,46987	11,78934,21381	10	
56	0	8,21189,49368	129,05092	9,99994,23762	3435	8,21195,25606	129,08527	11,78804,74394	0	4
	10	8,21318,54460	128,66846	9,99994,20327	3446	8,21324,34133	128,70292	11,78675,65867	50	
	20	8,21447,21306	128,28828	9,99994,16881	3456	8,21453,04425	128,32284	11,78546,95575	40	
	30	8,21575,50134	127,91033	9,99994,13425	3466	8,21581,36709	127,94499	11,78418,63291	30	
	40	8,21703,41167	127,53459	9,99994,09959	3476	8,21709,31208	127,56935	11,78290,68792	20	
	50	8,21830,94626	127,16110	9,99994,06483	3486	8,21836,88143	127,19596	11,78163,11857	10	
57	0	8,21958,10736	126,78975	9,99994,02997	3496	8,21964,07739	126,82471	11,78035,92261	0	3
	10	8,22084,89711	126,42055	9,99993,99501	3507	8,22090,90210	126,45562	11,77909,09790	50	
	20	8,22211,31766	126,05352	9,99993,95994	3517	8,22217,35772	126,08869	11,77782,64228	40	
	30	8,22337,37118	125,68861	9,99993,92477	3527	8,22343,44641	125,72388	11,77656,55359	30	
	40	8,22463,05979	125,32583	9,99993,88950	3537	8,22469,17029	125,36120	11,77530,82971	20	
	50	8,22588,38562	124,96507	9,99993,85413	3548	8,22594,53149	125,00055	11,77405,46851	10	
58	0	8,22713,35060	124,60646	9,99993,81865	3558	8,22719,53204	124,64204	11,77280,46796	0	2
	10	8,22837,95715	124,24982	9,99993,78307	3568	8,22844,17408	124,28550	11,77155,82592	50	
	20	8,22962,20697	123,89530	9,99993,74739	3578	8,22968,45958	123,93108	11,77031,54042	40	
	30	8,23086,10227	123,54277	9,99993,71161	3588	8,23092,39066	123,57865	11,76907,60934	30	
	40	8,23209,64504	123,19216	9,99993,67573	3599	8,23215,96931	123,22815	11,76784,03069	20	
	50	8,23332,83720	122,84364	9,99993,63974	3609	8,23339,19746	122,87973	11,76660,80254	10	
59	0	8,23455,68084	122,49709	9,99993,60365	3619	8,23462,07719	122,53328	11,76537,92281	0	1
	10	8,23578,17793	122,15235	9,99993,56746	3629	8,23584,61047	122,18864	11,76415,38953	50	
	20	8,23700,33028	121,80970	9,99993,53117	3640	8,23706,79911	121,84610	11,76293,20089	40	
	30	8,23822,13998	121,46888	9,99993,49477	3650	8,23828,64521	121,50538	11,76171,35479	30	
	40	8,23943,60886	121,12999	9,99993,45827	3660	8,23950,15059	121,16659	11,76049,84941	20	
	50	8,24064,73885	120,79299	9,99993,42167	3670	8,24071,31718	120,82969	11,75928,68282	10	
60	0	8,24185,53184	120,45785	9,99993,38497	3680	8,24192,14687	120,49465	11,75807,85313	0	0
		Sin. Compl.		SINVVM		Tang. compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Dif.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	8,24185,53184	120,45785	9,99993,38497	3680	8,24192,14687	120,49465	11,75807,85313	0	60
	10	8,24305,98969	120,12456	9,99993,34817	3690	8,24312,64152	120,16146	11,75687,35848	50	
	20	8,24426,11425	119,79312	9,99993,31127	3701	8,24432,80298	119,83013	11,75567,19702	40	
	30	8,24545,90737	119,46348	9,99993,27426	3711	8,24552,63311	119,50059	11,75447,36689	30	
	40	8,24665,37085	119,13570	9,99993,23715	3721	8,24672,13370	119,17291	11,75327,86630	20	
	50	8,24784,50655	118,80964	9,99993,19994	3731	8,24791,30661	118,84695	11,75208,69339	10	
1	0	8,24903,31619	118,48540	9,99993,16263	3741	8,24910,15356	118,52281	11,75089,84644	0	59
	10	8,25021,80159	118,16294	9,99993,12522	3752	8,25028,67637	118,20046	11,74971,32363	50	
	20	8,25139,96453	117,84220	9,99993,08770	3762	8,25146,87683	117,87982	11,74853,12317	40	
	30	8,25257,806[illegible]	117,52322	9,99993,05008	3772	8,25264,75665	117,56094	11,74735,24335	30	
	40	8,25375,3[illegible]	117,20594	9,99993,01236	3782	8,25382,31759	117,24376	11,74617,68241	20	
	50	8,25492,53589	116,89041	9,99992,97454	3793	8,25499,56135	116,92834	11,74500,43865	10	
2	0	8,25609,42630	116,57651	9,99992,93661	3803	8,25616,48969	116,61454	11,74383,51031	0	58
	10	8,25726,00281	116,26432	9,99992,89858	3813	8,25733,10423	116,30245	11,74266,89577	50	
	20	8,25842,26713	115,95381	9,99992,86045	3823	8,25849,40668	115,99204	11,74150,59332	40	
	30	8,25958,22094	115,64494	9,99992,82222	3833	8,25965,39872	115,68327	11,74034,60128	30	
	40	8,26073,86588	115,33772	9,99992,78389	3844	8,26081,08199	115,37616	11,73918,91801	20	
	50	8,26189,20360	115,03212	9,99992,74545	3854	8,26196,45815	115,07066	11,73803,54185	10	
3	0	8,26304,23572	114,72815	9,99992,70691	3864	8,26311,52881	114,76679	11,73688,47119	0	57
	10	8,26418,96387	114,42574	9,99992,66827	3874	8,26426,29560	114,46448	11,73573,70440	50	
	20	8,26533,38961	114,12496	9,99992,62953	3885	8,26540,76008	114,16381	11,73459,23992	40	
	30	8,26647,51457	113,82574	9,99992,59068	3895	8,26654,92389	113,86469	11,73345,07611	30	
	40	8,26761,34031	113,52810	9,99992,55173	3905	8,26768,78858	113,56715	11,73231,21142	20	
	50	8,26874,86841	113,23198	9,99992,51268	3915	8,26882,35573	113,27113	11,73117,64427	10	
4	0	8,26988,10039	112,93742	9,99992,47353	3926	8,26995,62686	112,97668	11,73004,37314	0	56
	10	8,27101,03781	112,64443	9,99992,43427	3936	8,27108,60354	112,68379	11,72891,39646	50	
	20	8,27213,68224	112,35288	9,99992,39491	3946	8,27221,28733	112,39234	11,72778,71267	40	
	30	8,27326,03512	112,06286	9,99992,35545	3956	8,27333,67967	112,10242	11,72666,32033	30	
	40	8,27438,09798	111,77436	9,99992,31589	3966	8,27445,78209	111,81402	11,72554,21791	20	
	50	8,27549,87234	111,48731	9,99992,27623	3976	8,27557,59611	111,52707	11,72442,40389	10	
5	0	8,27661,35965	111,20177	9,99992,23647	3987	8,27669,12318	111,24164	11,72330,87682	0	55
	10	8,27772,56142	110,91764	9,99992,19660	3997	8,27780,36482	110,95761	11,72219,63518	50	
	20	8,27883,47906	110,63496	9,99992,15663	4007	8,27891,32243	110,67503	11,72108,67757	40	
	30	8,27994,11402	110,35376	9,99992,11656	4017	8,28001,99746	110,39393	11,71998,00254	30	
	40	8,28104,46778	110,07395	9,99992,07639	4027	8,28112,39139	110,11422	11,71887,60861	20	
	50	8,28214,54173	109,79558	9,99992,03612	4038	8,28222,50561	109,83596	11,71777,49439	10	
6	0	8,28324,33731	109,51860	9,99991,99574	4048	8,28332,34157	109,55908	11,71667,65843	0	54
	10	8,28433,85591	109,24299	9,99991,95526	4058	8,28441,90065	109,28357	11,71558,09935	50	
	20	8,28543,09890	108,96882	9,99991,91468	4068	8,28551,18422	109,00950	11,71448,81578	40	
	30	8,28652,06772	108,69597	9,99991,87400	4079	8,28660,19372	108,73676	11,71339,80628	30	
	40	8,28760,76369	108,42447	9,99991,83321	4089	8,28768,93048	108,46536	11,71231,06952	20	
	50	8,28869,18816	108,15440	9,99991,79232	4099	8,28877,39584	108,19539	11,71122,60416	10	
7	0	8,28977,34256	107,88561	9,99991,75133	4109	8,28985,59123	107,92670	11,71014,40877	0	53
	10	8,29085,22817	107,61816	9,99991,71024	4119	8,29093,51793	107,65935	11,70906,48207	50	
	20	8,29192,84633	107,35206	9,99991,66905	4130	8,29201,17728	107,39336	11,70798,82272	40	
	30	8,29300,19839	107,08725	9,99991,62775	4140	8,29308,57064	107,12865	11,70691,42936	30	
	40	8,29407,28564	106,82373	9,99991,58635	4150	8,29415,69929	106,86523	11,70584,30071	20	
	50	8,29514,10937	106,56152	9,99991,54485	4160	8,29522,56452	106,60312	11,70477,43548	10	
8	0	8,29620,67089	106,30060	9,99991,50325	4171	8,29629,16764	106,34231	11,70370,83236	0	52
	10	8,29726,97149	106,04094	9,99991,46154	4181	8,29735,50995	106,08275	11,70264,49005	50	
	20	8,29833,01243	105,78254	9,99991,41973	4191	8,29841,59270	105,82445	11,70158,40730	40	
	30	8,29938,79497	105,52541	9,99991,37782	4201	8,29947,41715	105,56742	11,70052,58285	30	
	40	8,30044,32038	105,26953	9,99991,33581	4211	8,30052,98457	105,31164	11,69947,01543	20	
	50	8,30149,58991	105,01487	9,99991,29370	4221	8,30158,29621	105,05708	11,69841,70379	10	
9	0	8,30254,60478	104,76147	9,99991,25149	4232	8,30263,35329	104,80379	11,69736,64671	0	51
	10	8,30359,36625	104,50924	9,99991,20917	4242	8,30368,15708	104,55166	11,69631,84292	50	
	20	8,30463,87549	104,25825	9,99991,16675	4252	8,30472,70874	104,30077	11,69527,29126	40	
	30	8,30568,13374	104,00848	9,99991,12423	4262	8,30577,00951	104,05110	11,69422,99049	30	
	40	8,30672,14222	103,75989	9,99991,08161	4272	8,30681,06061	103,80261	11,69318,93939	20	
	50	8,30775,90211	103,51247	9,99991,03889	4283	8,30784,86322	103,55530	11,69215,13678	10	
10	0	8,30879,41458	103,26623	9,99990,99606	4293	8,30888,41852	103,30916	11,69111,58148	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Dif.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	8,30879,41458	103,26623	9,99990,99606	4293	8,30888,41852	103,30916	11,69111,58148	0	50
	10	8,30982,68081	103,02115	9,99990,95313	4303	8,30991,72768	103,06418	11,69008,27232	50	
	20	8,31085,70196	102,77725	9,99990,91010	4313	8,31094,79186	102,82038	11,68905,20814	40	
	30	8,31188,47921	102,53451	9,99990,86697	4324	8,31197,61224	102,57775	11,68802,38776	30	
	40	8,31291,01372	102,29292	9,99990,82373	4334	8,31300,18999	102,33626	11,68699,81001	20	
	50	8,31393,30664	102,05243	9,99990,78039	4344	8,31402,52625	102,09587	11,68597,47375	10	
11	0	8,31495,35907	101,81308	9,99990,73695	4354	8,31504,62212	101,85662	11,68495,37788	0	49
	10	8,31597,17215	101,57487	9,99990,69341	4365	8,31606,47874	101,61852	11,68393,52126	50	
	20	8,31698,74702	101,33772	9,99990,64976	4375	8,31708,09726	101,38147	11,68291,90274	40	
	30	8,31800,08474	101,10174	9,99990,60601	4385	8,31809,47873	101,14559	11,68190,52127	30	
	40	8,31901,18648	100,86681	9,99990,56216	4395	8,31910,62432	100,91076	11,68089,37568	20	
	50	8,32002,05329	100,63297	9,99990,51821	4405	8,32011,53508	100,67702	11,67988,46492	10	
12	0	8,32102,68626	100,40023	9,99990,47416	4416	8,32112,21210	100,44439	11,67887,78790	0	48
	10	8,32203,08649	100,16857	9,99990,43000	4426	8,32212,65649	100,21283	11,67787,34351	50	
	20	8,32303,25506	99,93796	9,99990,38574	4436	8,32312,86932	99,98232	11,67687,13068	40	
	30	8,32403,19302	99,70843	9,99990,34138	4446	8,32412,85164	99,75289	11,67587,14836	30	
	40	8,32502,90145	99,47991	9,99990,29692	4456	8,32512,60453	99,52447	11,67487,39547	20	
	50	8,32602,38136	99,25247	9,99990,25236	4467	8,32612,12900	99,29714	11,67387,87100	10	
13	0	8,32701,63383	99,02605	9,99990,20769	4477	8,32711,42614	99,07082	11,67288,57386	0	47
	10	8,32800,65988	98,80066	9,99990,16292	4487	8,32810,49696	98,84553	11,67189,50304	50	
	20	8,32899,46054	98,57631	9,99990,11805	4497	8,32909,34249	98,62128	11,67090,65751	40	
	30	8,32998,03685	98,35297	9,99990,07308	4507	8,33007,96377	98,39804	11,66992,03623	30	
	40	8,33096,38982	98,13062	9,99990,02801	4518	8,33106,36181	98,17580	11,66893,63819	20	
	50	8,33194,52044	97,90935	9,99989,98283	4528	8,33204,53761	97,95463	11,66795,46239	10	
14	0	8,33292,42970	97,68893	9,99989,93755	4538	8,33302,49224	97,73431	11,66697,50776	0	46
	10	8,33390,11872	97,46961	9,99989,89217	4548	8,33400,22655	97,51509	11,66599,77345	50	
	20	8,33487,58833	97,25124	9,99989,84669	4558	8,33497,74164	97,29682	11,66502,25836	40	
	30	8,33584,83957	97,03387	9,99989,80111	4569	8,33595,03846	97,07956	11,66404,96154	30	
	40	8,33681,87344	96,81742	9,99989,75542	4579	8,33692,11802	96,86321	11,66307,88198	20	
	50	8,33778,69086	96,60199	9,99989,70963	4589	8,33788,98123	96,64788	11,66211,01877	10	
15	0	8,33875,29285	96,38746	9,99989,66374	4599	8,33885,62911	96,43345	11,66114,37089	0	45
	10	8,33971,68031	96,17395	9,99989,61775	4610	8,33982,06256	96,22005	11,66017,93744	50	
	20	8,34067,85426	95,96132	9,99989,57165	4620	8,34078,28261	96,00752	11,65921,71739	40	
	30	8,34163,81558	95,74965	9,99989,52545	4630	8,34174,29013	95,79595	11,65825,70987	30	
	40	8,34259,56523	95,53891	9,99989,47915	4640	8,34270,08608	95,58531	11,65729,91392	20	
	50	8,34355,10414	95,32911	9,99989,43275	4651	8,34365,67139	95,37562	11,65634,32861	10	
16	0	8,34450,43325	95,12022	9,99989,38624	4661	8,34461,04701	95,16683	11,65538,95299	0	44
	10	8,34545,55347	94,91222	9,99989,33963	4671	8,34556,21384	94,95893	11,65443,78616	50	
	20	8,34640,46569	94,70515	9,99989,29292	4681	8,34651,17277	94,75196	11,65348,82723	40	
	30	8,34735,17084	94,49898	9,99989,24611	4691	8,34745,92473	94,54589	11,65254,07527	30	
	40	8,34829,66982	94,29368	9,99989,19920	4701	8,34840,47062	94,34069	11,65159,52938	20	
	50	8,34923,96350	94,08933	9,99989,15219	4712	8,34934,81131	94,13645	11,65065,18869	10	
17	0	8,35018,05283	93,88581	9,99989,10507	4721	8,35028,94776	93,93302	11,64971,05224	0	43
	10	8,35111,93864	93,68316	9,99989,05786	4732	8,35122,88078	93,73048	11,64877,11922	50	
	20	8,35205,62180	93,48142	9,99989,01054	4742	8,35216,61126	93,52884	11,64783,38874	40	
	30	8,35299,10322	93,28055	9,99988,96312	4753	8,35310,14010	93,32808	11,64689,85990	30	
	40	8,35392,38377	93,08052	9,99988,91559	4763	8,35403,46818	93,12815	11,64596,53182	20	
	50	8,35485,46429	92,88136	9,99988,86796	4773	8,35496,59633	92,92909	11,64503,40367	10	
18	0	8,35578,34565	92,68302	9,99988,82023	4783	8,35589,52542	92,73085	11,64410,47458	0	42
	10	8,35671,02867	92,48556	9,99988,77240	4794	8,35682,25627	92,53350	11,64317,74373	50	
	20	8,35763,51423	92,28889	9,99988,72446	4804	8,35774,78977	92,33693	11,64225,21023	40	
	30	8,35855,80312	92,09310	9,99988,67642	4814	8,35867,12670	92,14124	11,64132,87330	30	
	40	8,35947,89622	91,89814	9,99988,62828	4824	8,35959,26794	91,94638	11,64040,73206	20	
	50	8,36039,79436	91,70399	9,99988,58004	4834	8,36051,21432	91,75233	11,63948,78568	10	
19	0	8,36131,49835	91,51066	9,99988,53170	4845	8,36142,96665	91,55911	11,63857,03335	0	41
	10	8,36223,00901	91,31813	9,99988,48325	4855	8,36234,52576	91,36668	11,63765,47424	50	
	20	8,36314,32714	91,12641	9,99988,43470	4865	8,36325,89244	91,17506	11,63674,10756	40	
	30	8,36405,45355	90.93551	9,99988,38605	4875	8,36417,06750	90,98426	11,63582,93250	30	
	40	8,36496,38906	90,74540	9,99988,33730	4885	8,36508,05176	90,79425	11,63491,94824	20	
	50	8,36587,13446	90,55607	9,99988,28845	4896	8,36598,84601	90,60503	11,63401,15399	10	
20	0	8,36677,69053	90,36758	9,99988,23949	4906	8,36689,45104	90,41664	11,63310,54896	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
20	0	8,36677,69053	90,36758	9,99988,23949	4906	8,36689,45104	90,41664	11,63310,54896	0	40
	10	8,36768,05811	90,17978	9,99988,19043	4916	8,36779,86768	90,22894	11,63220,13232	50	
	20	8,36858,23789	89,99282	9,99988,14127	4926	8,36870,09662	90,04208	11,63129,90338	40	
	30	8,36948,23071	89,80662	9,99988,09201	4936	8,36960,13870	89,85598	11,63039,86130	30	
	40	8,37038,03733	89,62124	9,99988,04265	4946	8,37049,99468	89,67070	11,62950,00532	20	
	50	8,37127,65857	89,43655	9,99987,99319	4957	8,37139,66538	89,48612	11,62860,33462	10	
21	0	8,37217,09512	89,25263	9,99987,94362	4967	8,37229,15150	89,30230	11,62770,84850	0	39
	10	8,37306,34775	89,06949	9,99987,89395	4977	8,37318,45380	89,11926	11,62681,54620	50	
	20	8,37395,41724	88,88708	9,99987,84418	4987	8,37407,57306	88,93695	11,62592,42694	40	
	30	8,37484,30432	88,70544	9,99987,79431	4998	8,37496,51001	88,75542	11,62503,48999	30	
	40	8,37573,00976	88,52452	9,99987,74433	5008	8,37585,26543	88,57460	11,62414,73457	20	
	50	8,37661,53428	88,34433	9,99987,69425	5018	8,37673,84003	88,39451	11,62326,15997	10	
22	0	8,37749,87861	88,16488	9,99987,64407	5028	8,37762,23454	88,21516	11,62237,76546	0	38
	10	8,37838,04349	87,98619	9,99987,59379	5039	8,37850,44970	88,03658	11,62149,55030	50	
	20	8,37926,02968	87,80818	9,99987,54340	5049	8,37938,48628	87,85867	11,62061,51372	40	
	30	8,38013,83786	87,63090	9,99987,49291	5059	8,38026,34495	87,68149	11,61973,65505	30	
	40	8,38101,46876	87,45432	9,99987,44232	5069	8,38114,02644	87,50501	11,61885,97356	20	
	50	8,38188,92308	87,27851	9,99987,39163	5079	8,38201,53145	87,32931	11,61798,46855	10	
23	0	8,38276,20159	87,10330	9,99987,34084	5090	8,38288,86076	87,15419	11,61711,13924	0	37
	10	8,38363,30489	86,92886	9,99987,28994	5100	8,38376,01495	86,97986	11,61623,98505	50	
	20	8,38450,23375	86,75512	9,99987,23894	5110	8,38462,99481	86,80622	11,61537,00519	40	
	30	8,38536,98887	86,58206	9,99987,18784	5120	8,38549,80103	86,63326	11,61450,19897	30	
	40	8,38623,57093	86,40968	9,99987,13664	5130	8,38636,43429	86,46098	11,61363,56571	20	
	50	8,38709,98061	86,23804	9,99987,08534	5141	8,38722,89527	86,28945	11,61277,10473	10	
24	0	8,38796,21865	86,06696	9,99987,03393	5151	8,38809,18472	86,11847	11,61190,81528	0	36
	10	8,38882,28561	85,89669	9,99986,98242	5161	8,38895,30319	85,94830	11,61104,69681	50	
	20	8,38968,18230	85,72703	9,99986,93081	5171	8,38981,25149	85,77874	11,61018,74851	40	
	30	8,39053,90933	85,55804	9,99986,87910	5182	8,39067,03023	85,60986	11,60932,96977	30	
	40	8,39139,46737	85,38971	9,99986,82728	5192	8,39152,64009	85,44163	11,60847,35991	20	
	50	8,39224,85708	85,22201	9,99986,77536	5202	8,39238,08172	85,27403	11,60761,91828	10	
25	0	8,39310,07909	85,05505	9,99986,72334	5212	8,39323,35575	85,10717	11,60676,64425	0	35
	10	8,39395,13414	84,88868	9,99986,67122	5222	8,39408,46292	84,94090	11,60591,53708	50	
	20	8,39480,02282	84,72297	9,99986,61900	5233	8,39493,40382	84,77530	11,60506,59618	40	
	30	8,39564,74579	84,55792	9,99986,56667	5243	8,39578,17912	84,61035	11,60421,82088	30	
	40	8,39649,30371	84,39346	9,99986,51424	5253	8,39662,78947	84,44599	11,60337,21053	20	
	50	8,39733,69717	84,22973	9,99986,46171	5263	8,39747,23546	84,28236	11,60252,76454	10	
26	0	8,39817,92690	84,06656	9,99986,40908	5273	8,39831,51782	84,11929	11,60168,48218	0	34
	10	8,39901,99346	83,90408	9,99986,35635	5284	8,39915,63711	83,95692	11,60084,36289	50	
	20	8,39985,89754	83,74216	9,99986,30351	5294	8,39999,59403	83,79510	11,60000,40597	40	
	30	8,40069,63970	83,58092	9,99986,25057	5304	8,40083,38913	83,63396	11,59916,61087	30	
	40	8,40153,22062	83,42023	9,99986,19753	5314	8,40167,02309	83,47337	11,59832,97691	20	
	50	8,40236,64085	83,26024	9,99986,14439	5324	8,40250,49646	83,31348	11,59749,50354	10	
27	0	8,40319,90109	83,10081	9,99986,09115	5335	8,40333,80994	83,15416	11,59666,19006	0	33
	10	8,40403,00190	82,94197	9,99986,03780	5345	8,40416,96410	82,99542	11,59583,03590	50	
	20	8,40485,94387	82,78382	9,99985,98435	5355	8,40499,95952	82,83737	11,59500,04048	40	
	30	8,40568,72769	82,62619	9,99985,93080	5365	8,40582,79689	82,67984	11,59417,20311	30	
	40	8,40651,35388	82,46920	9,99985,87715	5376	8,40665,47673	82,52296	11,59334,52327	20	
	50	8,40733,82308	82,31277	9,99985,82339	5386	8,40747,99969	82,36663	11,59252,00031	10	
28	0	8,40816,13585	82,15696	9,99985,76953	5396	8,40830,36632	82,21092	11,59169,63368	0	32
	10	8,40898,29281	82,00174	9,99985,71557	5406	8,40912,57724	82,05580	11,59087,42276	50	
	20	8,40980,29455	81,84710	9,99985,66151	5417	8,40994,63304	81,90127	11,59005,36696	40	
	30	8,41062,14165	81,69304	9,99985,60734	5427	8,41076,53431	81,74731	11,58923,46569	30	
	40	8,41143,83469	81,53957	9,99985,55307	5437	8,41158,28162	81,59394	11,58841,71838	20	
	50	8,41225,37426	81,38663	9,99985,49870	5447	8,41239,87556	81,44110	11,58760,12444	10	
29	0	8,41306,76089	81,23431	9,99985,44423	5458	8,41321,31666	81,28889	11,58678,68334	0	31
	10	8,41387,99520	81,08257	9,99985,38965	5468	8,41402,60555	81,13725	11,58597,39445	50	
	20	8,41469,07777	80,93134	9,99985,33497	5478	8,41483,74280	81,98612	11,58516,25720	40	
	30	8,41550,00911	80,78069	9,99985,28019	5488	8,41564,72892	80,83557	11,58435,27108	30	
	40	8,41630,78980	80,63065	9,99985,22531	5498	8,41645,56449	80,68563	11,58354,43551	20	
	50	8,41711,42045	80,48109	9,99985,17033	5508	8,41726,25012	80,53617	11,58273,74988	10	
30	0	8,41791,90154		9,99985,11525		8,41806,78629		11,58193,21371	0	30
		Sin. Compl.	80,33214	SINVVM	5518	Tang.compl	80,38732	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
30	0	8,41791,90154	80,33214	9,99985,11525	5518	8,41806,78629	80,38732	11,58193,21371	0	30
	10	8,41872,23368	80,18370	9,99985,06007	5529	8,41887,17361	80,23899	11,58112,82639	50	
	20	8,41952,41738	80,03585	9,99985,00478	5539	8,41967,41260	80,09124	11,58032,58740	40	
	30	8,42032,45323	79,88852	9,99984,94939	5549	8,42047,50384	79,94401	11,57952,49616	30	
	40	8,42112,34175	79,74172	9,99984,89390	5559	8,42127,44785	79,79731	11,57872,55215	20	
	50	8,42192,08347	79,59547	9,99984,83831	5570	8,42207,24516	79,65117	11,57792,75484	10	
31	0	8,42271,67894	79,44978	9,99984,78261	5580	8,42286,89633	79,50558	11,57713,10367	0	29
	10	8,42351,12872	79,30460	9,99984,72681	5590	8,42366,40191	79,36050	11,57633,59809	50	
	20	8,42430,43332	79,15993	9,99984,67091	5600	8,42445,76241	79,21593	11,57554,23759	40	
	30	8,42509,59325	79,01579	9,99984,61491	5611	8,42524,97834	79,07190	11,57475,02166	30	
	40	8,42588,60904	78,87220	9,99984,55880	5621	8,42604,05024	78,92841	11,57395,94976	20	
	50	8,42667,48124	78,72914	9,99984,50259	5631	8,42682,97865	78,78545	11,57317,02135	10	
32	0	8,42746,21038	78,58655	9,99984,44628	5641	8,42761,76410	78,64296	11,57238,23590	0	28
	10	8,42824,79693	78,44451	9,99984,38987	5651	8,42840,40706	78,50102	11,57159,59294	50	
	20	8,42903,24144	78,30297	9,99984,33336	5662	8,42918,90808	78,35959	11,57081,09192	40	
	30	8,42981,54441	78,16195	9,99984,27674	5672	8,42997,26767	78,21867	11,57002,73233	30	
	40	8,43059,70636	78,02140	9,99984,22002	5682	8,43075,48634	78,07822	11,56924,51366	20	
	50	8,43137,72776	77,88143	9,99984,16320	5692	8,43153,56456	77,93835	11,56846,43544	10	
33	0	8,43215,60919	77,74188	9,99984,10628	5702	8,43231,50291	77,79890	11,56768,49709	0	27
	10	8,43293,35107	77,60290	9,99984,04926	5713	8,43309,30181	77,66003	11,56690,69819	50	
	20	8,43370,95397	77,46432	9,99983,99213	5723	8,43386,96184	77,52155	11,56613,03816	40	
	30	8,43448,41829	77,32632	9,99983,93490	5733	8,43464,48339	77,38365	11,56535,51661	30	
	40	8,43525,74461	77,18881	9,99983,87757	5743	8,43541,86704	77,24624	11,56458,13296	20	
	50	8,43602,93342	77,05174	9,99983,82014	5754	8,43619,11328	77,10928	11,56380,88672	10	
34	0	8,43679,98516	76,91515	9,99983,76260	5764	8,43696,22256	76,97279	11,56303,77744	0	26
	10	8,43756,90031	76,77910	9,99983,70496	5774	8,43773,19535	76,83684	11,56226,80465	50	
	20	8,43833,67941	76,64351	9,99983,64722	5784	8,43850,03219	76,70135	11,56149,96781	40	
	30	8,43910,32292	76,50836	9,99983,58938	5794	8,43926,73354	76,56630	11,56073,26646	30	
	40	8,43986,83128	76,37373	9,99983,53144	5805	8,44003,29984	76,43178	11,55996,70016	20	
	50	8,44063,20501	76,23954	9,99983,47339	5815	8,44079,73162	76,29769	11,55920,26838	10	
35	0	8,44139,44455	76,10583	9,99983,41524	5825	8,44156,02931	76,16408	11,55843,97069	0	25
	10	8,44215,55038	75,97263	9,99983,35699	5835	8,44232,19339	76,03098	11,55767,80661	50	
	20	8,44291,52301	75,83982	9,99983,29864	5845	8,44308,22437	75,89827	11,55691,77563	40	
	30	8,44367,36283	75,70753	9,99983,24019	5856	8,44384,12264	75,76609	11,55615,87736	30	
	40	8,44443,07036	75,57568	9,99983,18163	5866	8,44459,88873	75,63434	11,55540,11127	20	
	50	8,44518,64604	75,44430	9,99983,12297	5876	8,44535,52307	75,50306	11,55464,47693	10	
36	0	8,44594,09034	75,31334	9,99983,06421	5886	8,44611,02613	75,37220	11,55388,97387	0	24
	10	8,44669,40368	75,18289	9,99983,00535	5897	8,44686,39833	75,24186	11,55313,60167	50	
	20	8,44744,58657	75,05285	9,99982,94638	5907	8,44761,64019	75,11192	11,55238,35981	40	
	30	8,44819,63942	74,92326	9,99982,88731	5917	8,44836,75211	74,98243	11,55163,24789	30	
	40	8,44894,56268	74,79414	9,99982,82814	5927	8,44911,73454	74,85341	11,55088,26546	20	
	50	8,44969,35682	74,66542	9,99982,76887	5937	8,44986,58795	74,72479	11,55013,41205	10	
37	0	8,45044,02224	74,53721	9,99982,70950	5948	8,45061,31274	74,59669	11,54938,68726	0	23
	10	8,45118,55945	74,40936	9,99982,65002	5958	8,45135,90943	74,46894	11,54864,09057	50	
	20	8,45192,96881	74,28201	9,99982,59044	5968	8,45210,37837	74,34169	11,54789,62163	40	
	30	8,45267,25082	74,15508	9,99982,53076	5978	8,45284,72006	74,21486	11,54715,27994	30	
	40	8,45341,40590	74,02857	9,99982,47098	5989	8,45358,93492	74,08846	11,54641,06508	20	
	50	8,45415,43447	73,90248	9,99982,41109	5999	8,45433,02338	73,96247	11,54566,97662	10	
38	0	8,45489,33695	73,77687	9,99982,35110	6009	8,45506,98585	73,83696	11,54493,01415	0	22
	10	8,45563,11382	73,65160	9,99982,29101	6019	8,45580,82281	73,71179	11,54419,17719	50	
	20	8,45636,76542	73,52683	9,99982,23082	6029	8,45654,53460	73,58712	11,54345,46540	40	
	30	8,45710,29225	73,40249	9,99982,17053	6040	8,45728,12172	73,46289	11,54271,87828	30	
	40	8,45783,69474	73,27849	9,99982,11013	6050	8,45801,58461	73,33899	11,54198,41539	20	
	50	8,45856,97323	73,15497	9,99982,04963	6060	8,45874,92360	73,21557	11,54125,07640	10	
39	0	8,45930,12820	73,03183	9,99981,98903	6070	8,45948,13917	73,09253	11,54051,86083	0	21
	10	8,46003,16003	72,90913	9,99981,92833	6080	8,46021,23170	72,96993	11,53978,76830	50	
	20	8,46076,06916	72,78684	9,99981,86753	6091	8,46094,20163	72,84775	11,53905,79837	40	
	30	8,46148,85600	72,66498	9,99981,80662	6101	8,46167,04938	72,72599	11,53832,95062	30	
	40	8,46221,52098	72,54345	9,99981,74561	6111	8,46239,77537	72,60456	11,53760,22463	20	
	50	8,46294,06443	72,42240	9,99981,68450	6121	8,46312,37993	72,48361	11,53687,62007	10	
40	0	8,46366,48683	72,30173	9,99981,62329	6132	8,46384,86354	72,36305	11,53615,13646	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
40	0	8,46366,48683	72,30173	9,99981,62329	6132	8,46384,86354	72,36305	11,53615,13646	0	20
	10	8,46438,78856	72,18145	9,99981,56197	6142	8,46457,22659	72,24287	11,53542,77341	50	
	20	8,46510,97001	72,06160	9,99981,50055	6152	8;46529,46946	72,12312	11,53470,53054	40	
	30	8,46583,03161	71,94211	9,99981,43903	6162	8,46601,59258	72,00373	11,53398,40742	30	
	40	8,46654,97372	71,82302	9,99981,37741	6172	8,46673,59631	71,88474	11,53326,40369	20	
	50	8,46726,79674	71,70436	9,99981,31569	6183	8,46745,48105	71,76619	11,53254,51895	10	
41	0	8,46798,50110	71,58606	9,99981,25386	6193	8,46817,24724	71,64799	11,53182,75276	0	19
	10	8,46870,08716	71,46816	9,99981,19193	6203	8,46888,89523	71,53019	11,53111,10477	50	
	20	8,46941,55532	71,35061	9,99981,12990	6213	8,46960,42542	71,41274	11,53039,57458	40	
	30	8,47012,90593	71,23348	9,99981,06777	6223	8,47031,83816	71,29571	11,52968,16184	30	
	40	8,47084,13941	71,11675	9,99981,00554	6234	8,47103,13387	71,17909	11,52896,86613	20	
	50	8,47155,25616	71,00040	9,99980,94320	6244	8,47174,31296	71,06284	11,52825,68704	10	
42	0	8,47226,25656	70,88439	9,99980,88076	6254	8,47245,37580	70,94693	11,52754,62420	0	18
	10	8,47297,14095	70,76878	9,99980,81822	6264	8,47316,32273	70,83142	11,52683,67727	50	
	20	8,47367,90973	70,65355	9,99980,75558	6275	8,47387,15415	70,71630	11,52612,84585	40	
	30	8,47438,56328	70,53871	9,99980,69283	6285	8,47457,87045	70,60156	11,52542,12955	30	
	40	8,47509,10199	70,42419	9,99980,62998	6295	8,47528,47201	70,48714	11,52471,52799	20	
	50	8,47579,52618	70,31011	9,99980,56703	6305	8,47598,95915	70,37316	11,52401,04085	10	
43	0	8,47649,83629	70,19635	9,99980,50398	6315	8,47669,33231	70,25950	11,52330,66769	0	17
	10	8,47720,03264	70,08294	9,99980,44083	6326	8,47739,59181	70,14620	11,52260,40819	50	
	20	8,47790,11558	69,96997	9,99980,37757	6336	8,47809,73801	70,03333	11,52190,26199	40	
	30	8,47860,08555	69,85732	9,99980,31421	6346	8,47879,77134	69,92078	11,52120,22866	30	
	40	8,47929,94287	69,74498	9,99980,25075	6356	8,47949,69212	69,80854	11,52050,30788	20	
	50	8,47999,68785	69,63311	9,99980,18719	6367	8,48019,50066	69,69678	11,51980,49934	10	
44	0	8,48069,32096	69,52152	9,99980,12352	6377	8,48089,19744	69,58529	11,51910,80256	0	16
	10	8,48138,84248	69,41033	9,99980,05975	6387	8,48158,78273	69,47420	11,51841,21727	50	
	20	8,48208,25281	69,29942	9,99979,99588	6397	8,48228,25693	69,36339	11,51771,74307	40	
	30	8,48277,55223	69,18893	9,99979,93191	6407	8,48297,62032	69,25300	11,51702,37968	30	
	40	8,48346,74116	69,07878	9,99979,86784	6418	8,48366,87332	69,14296	11,51633,12668	20	
	50	8,48415,81994	68,96898	9,99979,80366	6428	8,48436,01628	69,03326	11,51563,98372	10	
45	0	8,48484,78892	68,85951	9,99979,73938	6438	8,48505,04954	68,92389	11,51494,95046	0	15
	10	8,48553,64843	68,75043	9,99979,67500	6448	8,48573,97343	68,81491	11,51426,02657	50	
	20	8,48622,39886	68,64166	9,99979,61052	6459	8,48642,78834	68,70625	11,51357,21166	40	
	30	8,48691,04052	68,53322	9,99979,54593	6469	8,48711,49459	68,59791	11,51288,50541	30	
	40	8,48759,57374	68,42516	9,99979,48124	6479	8,48780,09250	68,48995	11,51219,90750	20	
	50	8,48827,99890	68,31740	9,99979,41645	6489	8,48848,58245	68,38229	11,51151,41755	10	
46	0	8,48896,31630	68,21001	9,99979,35156	6499	8,48916,96474	68,27500	11,51083,03526	0	14
	10	8,48964,52631	68,10297	9,99979,28657	6510	8,48985,23974	68,16807	11,51014,76026	50	
	20	8,49032,62928	67,99619	9,99979,22147	6520	8,49053,40781	68,06139	11,50946,59219	40	
	30	8,49100,62547	67,88985	9,99979,15627	6530	8,49121,46920	67,95515	11,50878,53080	30	
	40	8,49168,51532	67,78374	9,99979,09097	6540	8,49189,42435	67,84914	11,50810,57565	20	
	50	8,49236,29906	67,67802	9,99979,02557	6550	8,49257,27349	67,74352	11,50742,72651	10	
47	0	8,49303,97708	67,57260	9,99978,96007	6561	8,49325,01701	67,63821	11,50674,98299	0	13
	10	8,49371,54968	67,46757	9,99978,89446	6571	8,49392,65522	67,53328	11,50607,34478	50	
	20	8,49439,01725	67,36281	9,99978,82875	6581	8,49460,18850	67,42862	11,50539,81150	40	
	30	8,49506,38006	67,25834	9,99978,76294	6591	8,49527,61712	67,32425	11,50472,38288	30	
	40	8,49573,63840	67,15427	9,99978,69703	6602	8,49594,94137	67,22029	11,50405,05863	20	
	50	8,49640,79267	67,05048	9,99978,63101	6612	8,49662,16166	67,11659	11,50337,83834	10	
48	0	8,49707,84315	66,94704	9,99978,56489	6622	8,49729,27825	67,01327	11,50270,72175	0	12
	10	8,49774,79019	66,84391	9,99978,49867	6632	8,49796,29152	66,91023	11,50203,70848	50	
	20	8,49841,63410	66,74104	9,99978,43235	6642	8,49863,20175	66,80746	11,50136,79825	40	
	30	8,49908,37514	66,63856	9,99978,36593	6653	8,49930,00921	66,70509	11,50069,99079	30	
	40	8,49975,01370	66,53636	9,99978,29940	6663	8,49996,71430	66,60299	11,50003,28570	20	
	50	8,50041,55006	66,43445	9,99978,23277	6673	8,50063,31729	66,50118	11,49936,68271	10	
49	0	8,50107,98451	66,33290	9,99978,16604	6683	8,50129,81847	66,39973	11,49870,18153	0	11
	10	8,50174,31741	66,23160	9,99978,09921	6693	8,50196,21820	66,29853	11,49803,78180	50	
	20	8,50240,54901	66,13069	9,99978,03228	6704	8,50262,51673	66,19773	11,49737,48327	40	
	30	8,50306,67970	66,03005	9,99977,96524	6714	8,50328,71446	66,09719	11,49671,28554	30	
	40	8,50372,70975	65,92968	9,99977,89810	6724	8,50394,81165	65,99692	11,49605,18835	20	
	50	8,50438,63943	65,82964	9,99977,83086	6734	8,50460,80857	65,89698	11,49539,19143	10	
50	0	8,50504,46907	65,72992	9,99977,76352	6745	8,50526,70555	65,79737	11,49473,29445	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	8,50504,46907	65,72992	9,99977,76352	6745	8,50526,70555	65,79737	11,49473,29445	0	10
	10	8,50570,19899	65,63049	9,99977,69607	6755	8,50592,50292	65,69804	11,49407,49708	50	
	20	8,50635,82948	65,53136	9,99977,62852	6765	8,50658,20096	65,59901	11,49341,79904	40	
	30	8,50701,36084	65,43250	9,99977,56087	6775	8,50723,79997	65,50025	11,49276,20003	30	
	40	8,50766,79334	65,33400	9,99977,49312	6785	8,50789,30022	65,40185	11,49210,69978	20	
	50	8,50832,12734	65,23574	9,99977,42527	6796	8,50854,70207	65,30370	11,49145,29793	10	
51	0	8,50897,36308	65,13780	9,99977,35731	6806	8,50920,00577	65,20586	11,49079,99423	0	9
	10	8,50962,50088	65,04015	9,99977,28925	6816	8,50985,21163	65,10831	11,49014,78837	50	
	20	8,51027,54103	64,94276	9,99977,22109	6826	8,51050,31994	65,01102	11,48949,68006	40	
	30	8,51092,48379	64,84571	9,99977,15283	6837	8,51115,33096	64,91408	11,48884,66904	30	
	40	8,51157,32950	64,74892	9,99977,08446	6847	8,51180,24504	64,81739	11,48819,75496	20	
	50	8,51222,07842	64,65245	9,99977,01599	6857	8,51245,06243	64,72101	11,48754,93757	10	
52	0	8,51286,73087	64,55626	9,99976,94742	6867	8,51309,78344	64,62494	11,48690,21656	0	8
	10	8,51351,28713	64,46031	9,99976,87875	6878	8,51374,40838	64,52909	11,48625,59162	50	
	20	8,51415,74744	64,36467	9,99976,80997	6888	8,51438,93747	64,43355	11,48561,06253	40	
	30	8,51480,11211	64,26933	9,99976,74109	6898	8,51503,37102	64,33831	11,48496,62898	30	
	40	8,51544,38144	64,17426	9,99976,67211	6908	8,51567,70933	64,24334	11,48432,29067	20	
	50	8,51608,55570	64,07946	9,99976,60303	6918	8,51631,95267	64,14864	11,48368,04733	10	
53	0	8,51672,63516	63,98494	9,99976,53385	6928	8,51696,10131	64,05422	11,48303,89869	0	7
	10	8,51736,62010	63,89073	9,99976,46457	6939	8,51760,15553	63,96012	11,48239,84447	50	
	20	8,51800,51083	63,79675	9,99976,39518	6949	8,51824,11565	63,86624	11,48175,88435	40	
	30	8,51864,30758	63,70308	9,99976,32569	6959	8,51887,98189	63,77267	11,48112,01811	30	
	40	8,51928,01066	63,60971	9,99976,25610	6969	8,51951,75456	63,67940	11,48048,24544	20	
	50	8,51991,62037	63,51653	9,99976,18641	6980	8,52015,43396	63,58633	11,47984,56604	10	
54	0	8,52055,13690	63,42366	9,99976,11661	6990	8,52079,02029	63,49356	11,47920,97971	0	6
	10	8,52118,56056	63,33113	9,99976,04671	7000	8,52142,51385	63,40113	11,47857,48615	50	
	20	8,52181,89169	63,23876	9,99975,97671	7010	8,52205,91498	63,30886	11,47794,08502	40	
	30	8,52245,13045	63,14672	9,99975,90661	7020	8,52269,22384	63,21692	11,47730,77616	30	
	40	8,52308,27717	63,05492	9,99975,83641	7031	8,52332,44076	63,12523	11,47667,55924	20	
	50	8,52371,33209	62,96343	9,99975,76610	7041	8,52395,56599	63,03384	11,47604,43401	10	
55	0	8,52434,29552	62,87218	9,99975,69569	7051	8,52458,59983	62,94269	11,47541,40017	0	5
	10	8,52497,16770	62,78116	9,99975,62518	7061	8,52521,54252	62,85177	11,47478,45748	50	
	20	8,52559,94886	62,69047	9,99975,55457	7072	8,52584,39429	62,76119	11,47415,60571	40	
	30	8,52622,63933	62,59999	9,99975,48385	7082	8,52647,15548	62,67081	11,47352,84452	30	
	40	8,52685,23932	62,50975	9,99975,41303	7092	8,52709,82629	62,58067	11,47290,17371	20	
	50	8,52747,74907	62,41984	9,99975,34211	7102	8,52772,40696	62,49086	11,47227,59304	10	
56	0	8,52810,16891	62,33016	9,99975,27109	7112	8,52834,89782	62,40128	11,47165,10218	0	4
	10	8,52872,49907	62,24072	9,99975,19997	7123	8,52897,29910	62,31195	11,47102,70090	50	
	20	8,52934,73979	62,15152	9,99975,12874	7133	8,52959,61105	62,22285	11,47040,38895	40	
	30	8,52996,89131	62,06262	9,99975,05741	7143	8,53021,83390	62,13405	11,46978,16610	30	
	40	8,53058,95393	61,97399	9,99974,98598	7153	8,53083,96795	62,04552	11,46916,03205	20	
	50	8,53120,92792	61,88553	9,99974,91445	7164	8,53146,01347	61,95717	11,46853,98653	10	
57	0	8,53182,81345	61,79738	9,99974,84281	7174	8,53207,97064	61,86912	11,46792,02936	0	3
	10	8,53244,61083	61,70951	9,99974,77107	7184	8,53269,83976	61,78135	11,46730,16024	50	
	20	8,53306,32034	61,62178	9,99974,69923	7194	8,53331,62111	61,69372	11,46668,37889	40	
	30	8,53367,94212	61,53439	9,99974,62729	7204	8,53393,31483	61,60643	11,46606,68517	30	
	40	8,53429,47651	61,44724	9,99974,55525	7215	8,53454,92126	61,51939	11,46545,07874	20	
	50	8,53490,92375	61,36031	9,99974,48310	7225	8,53516,44065	61,43256	11,46483,55935	10	
58	0	8,53552,28406	61,27365	9,99974,41085	7235	8,53577,87321	61,34600	11,46422,12679	0	2
	10	8,53613,55771	61,18725	9,99974,33850	7245	8,53639,21921	61,25970	11,46360,78079	50	
	20	8,53674,74496	61,10098	9,99974,26605	7256	8,53700,47891	61,17354	11,46299,52109	40	
	30	8,53735,84594	61,01508	9,99974,19349	7266	8,53761,65245	61,08774	11,46238,34755	30	
	40	8,53796,86102	60,92939	9,99974,12083	7276	8,53822,74019	61,00215	11,46177,25981	20	
	50	8,53857,79041	60,84391	9,99974,04807	7286	8,53883,74234	60,91677	11,46116,25766	10	
59	0	8,53918,63432	60,75866	9,99973,97521	7296	8,53944,65911	60,83162	11,46055,34089	0	1
	10	8,53979,39298	60,67372	9,99973,90225	7307	8,54005,49073	60,74679	11,45994,50927	50	
	20	8,54040,06670	60,58896	9,99973,82918	7317	8,54066,23752	60,66213	11,45933,76248	40	
	30	8,54100,65566	60,50443	9,99973,75601	7327	8,54126,89965	60,57770	11,45873,10035	30	
	40	8,54161,16009	60,42016	9,99973,68274	7337	8,54187,47735	60,49353	11,45812,52265	20	
	50	8,54221,58025	60,33613	9,99973,60937	7348	8,54247,97088	60,40961	11,45752,02912	10	
60	0	8,54281,91638	60,25230	9,99973,53589	7358	8,54308,38049	60,32588	11,45691,61951	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	8,54281,91638	60,25230	9,99973,53589	7358	8,54308,38049	60,32588	11,45691,61951	0	60
	10	8,54342,16868	60,16875	9,99973,46231	7368	8,54368,70637	60,24243	11,45631,29363	50	
	20	8,54402,33743	60,08538	9,99973,38863	7378	8,54428,94880	60,15916	11,45571,05120	40	
	30	8,54462,42281	60,00228	9,99973,31485	7388	8,54489,10796	60,07616	11,45510,89204	30	
	40	8,54522,42509	59,91937	9,99973,24097	7399	8,54549,18412	59,99336	11,45450,81588	20	
	50	8,54582,34446	59,83674	9,99973,16698	7409	8,54609,17748	59,91083	11,45390,82252	10	
1	0	8,54642,18120	59,75427	9,99973,09289	7419	8,54669,08831	59,82846	11,45330,91169	0	59
	10	8,54701,93547	59,67210	9,99973,01870	7429	8,54728,91677	59,74639	11,45271,08323	50	
	20	8,54761,60757	59,59013	9,99972,94441	7440	8,54788,66316	59,66453	11,45211,33684	40	
	30	8,54821,19770	59,50836	9,99972,87001	7450	8,54848,32769	59,58286	11,45151,67231	30	
	40	8,54880,70606	59,42682	9,99972,79551	7460	8,54907,91055	59,50142	11,45092,08945	20	
	50	8,54940,13288	59,34551	9,99972,72091	7470	8,54967,41197	59,42021	11,45032,58803	10	
2	0	8,54999,47839	59,26443	9,99972,64621	7480	8,55026,83218	59,33923	11,44973,16782	0	58
	10	8,55058,74282	59,18356	9,99972,57141	7491	8,55086,17141	59,25847	11,44913,82859	50	
	20	8,55117,92638	59,10295	9,99972,49650	7501	8,55145,42988	59,17796	11,44854,57012	40	
	30	8,55177,02933	59,02247	9,99972,42149	7511	8,55204,60784	59,09758	11,44795,39216	30	
	40	8,55236,05180	58,94230	9,99972,34638	7521	8,55263,70542	59,01751	11,44736,29458	20	
	50	8,55294,99410	58,86228	9,99972,27117	7531	8,55322,72293	58,93759	11,44677,27707	10	
3	0	8,55353,85638	58,78256	9,99972,19586	7542	8,55381,66052	58,85798	11,44618,33948	0	57
	10	8,55412,63894	58,70294	9,99972,12044	7552	8,55440,51850	58,77846	11,44559,48150	50	
	20	8,55471,34188	58,62363	9,99972,04492	7562	8,55499,29696	58,69925	11,44500,70304	40	
	30	8,55529,96551	58,54449	9,99971,96930	7572	8,55557,99621	58,62021	11,44442,00379	30	
	40	8,55588,51000	58,46560	9,99971,89358	7583	8,55616,61642	58,54143	11,44383,38358	20	
	50	8,55646,97560	58,38688	9,99971,81775	7593	8,55675,15785	58,46281	11,44324,84215	10	
4	0	8,55705,36248	58,30836	9,99971,74182	7603	8,55733,62066	58,38439	11,44266,37934	0	56
	10	8,55763,67084	58,23012	9,99971,66579	7613	8,55792,00505	58,30625	11,44207,99495	50	
	20	8,55821,90096	58,15203	9,99971,58966	7623	8,55850,31130	58,22826	11,44149,66870	40	
	30	8,55880,05299	58,07416	9,99971,51343	7634	8,55908,53956	58,15050	11,44091,46044	30	
	40	8,55938,12715	57,99651	9,99971,43709	7644	8,55966,69006	58,07295	11,44033,30994	20	
	50	8,55996,12366	57,91907	9,99971,36065	7654	8,56024,76301	57,99561	11,43975,23699	10	
5	0	8,56054,04273	57,84182	9,99971,28411	7664	8,56082,75862	57,91846	11,43917,24138	0	55
	10	8,56111,88455	57,76479	9,99971,20747	7675	8,56140,67708	57,84154	11,43859,32292	50	
	20	8,56169,64934	57,68797	9,99971,13072	7685	8,56198,51862	57,76482	11,43801,48138	40	
	30	8,56227,33731	57,61131	9,99971,05387	7695	8,56256,28344	57,68826	11,43743,71656	30	
	40	8,56284,94862	57,53490	9,99970,97692	7705	8,56313,97170	57,61195	11,43686,02830	20	
	50	8,56342,48352	57,45868	9,99970,89987	7716	8,56371,58365	57,53584	11,43628,41635	10	
6	0	8,56399,94220	57,38267	9,99970,82271	7726	8,56429,11949	57,45993	11,43570,88051	0	54
	10	8,56457,32487	57,30684	9,99970,74545	7736	8,56486,57942	57,38420	11,43513,42058	50	
	20	8,56514,63171	57,23120	9,99970,66809	7746	8,56543,96362	57,30866	11,43456,03638	40	
	30	8,56571,86291	57,15580	9,99970,59063	7756	8,56601,27228	57,23336	11,43398,72772	30	
	40	8,56629,01871	57,08058	9,99970,51307	7767	8,56658,50564	57,15825	11,43341,49436	20	
	50	8,56686,09929	57,00553	9,99970,43540	7777	8,56715,66389	57,08330	11,43284,33611	10	
7	0	8,56743,10482	56,93072	9,99970,35763	7787	8,56772,74719	57,00859	11,43227,25281	0	53
	10	8,56800,03554	56,85607	9,99970,27976	7797	8,56829,75578	56,93404	11,43170,24422	50	
	20	8,56856,89161	56,78165	9,99970,20179	7807	8,56886,68982	56,85972	11,43113,31018	40	
	30	8,56913,67326	56,70740	9,99970,12372	7818	8,56943,54954	56,78558	11,43056,45046	30	
	40	8,56970,38066	56,63334	9,99970,04554	7828	8,57000,33512	56,71162	11,42999,66488	20	
	50	8,57027,01400	56,55949	9,99969,96726	7838	8,57057,04674	56,63787	11,42942,95326	10	
8	0	8,57083,57349	56,48583	9,99969,88888	7848	8,57113,68461	56,56431	11,42886,31539	0	52
	10	8,57140,05932	56,41233	9,99969,81040	7859	8,57170,24892	56,49092	11,42829,75108	50	
	20	8,57196,47165	56,33910	9,99969,73181	7869	8,57226,73984	56,41779	11,42773,26016	40	
	30	8,57252,81075	56,26597	9,99969,65312	7879	8,57283,15763	56,34476	11,42716,84237	30	
	40	8,57309,07672	56,19307	9,99969,57433	7889	8,57339,50239	56,27196	11,42660,49761	20	
	50	8,57365,26979	56,12035	9,99969,49544	7899	8,57395,77435	56,19934	11,42604,22565	10	
9	0	8,57421,39014	56,04785	9,99969,41645	7910	8,57451,97369	56,12695	11,42548,02631	0	51
	10	8,57477,43799	55,97545	9,99969,33735	7920	8,57508,10064	56,05465	11,42491,89936	50	
	20	8,57533,41344	55,90334	9,99969,25815	7930	8,57564,15529	55,98264	11,42435,84471	40	
	30	8,57589,31678	55,83136	9,99969,17885	7940	8,57620,13793	55,91076	11,42379,86207	30	
	40	8,57645,14814	55,75959	9,99969,09945	7951	8,57676,04869	55,83910	11,42323,95131	20	
	50	8,57700,90773	55,68796	9,99969,01994	7961	8,57731,88779	55,76757	11,42268,11221	10	
10	0	8,57756,59569	55,61657	9,99968,94033	7971	8,57787,65536	55,69628	11,42212,34464	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	8,57756,59569	55,61657	9,99968,94033	7971	8,57787,65536	55,69628	11,42212,34464	0	50
	10	8,57812,21226	55,54533	9,99968,86062	7981	8,57843,35164	55,62514	11,42156,64836	50	
	20	8,57867,75759	55,47426	9,99968,78081	7991	8,57898,97678	55,55417	11,42101,02322	40	
	30	8,57923,23185	55,40341	9,99968,70090	8002	8,57954,53095	55,48343	11,42045,46905	30	
	40	8,57978,63526	55,33270	9,99968,62088	8012	8,58010,01438	55,41282	11,41989,98562	20	
	50	8,58033,96796	55,26219	9,99968,54076	8022	8,58065,42720	55,34241	11,41934,57280	10	
11	0	8,58089,23015	55,19186	9,99968,46054	8032	8,58120,76961	55,27218	11,41879,23039	0	49
	10	8,58144,42201	55,12173	9,99968,38022	8043	8,58176,04179	55,20216	11,41823,95821	50	
	20	8,58199,54374	55,05174	9,99968,29979	8053	8,58231,24395	55,13227	11,41768,75605	40	
	30	8,58254,59548	54,98194	9,99968,21926	8063	8,58286,37622	55,06257	11,41713,62378	30	
	40	8,58309,57742	54,91231	9,99968,13863	8073	8,58341,43879	54,99304	11,41658,56121	20	
	50	8,58364,48973	54,84289	9,99968,05790	8084	8,58396,43183	54,92373	11,41603,56817	10	
12	0	8,58419,33262	54,77361	9,99967,97706	8094	8,58451,35556	54,85455	11,41548,64444	0	48
	10	8,58474,10623	54,70451	9,99967,89612	8104	8,58506,21011	54,78555	11,41493,78989	50	
	20	8,58528,81074	54,63558	9,99967,81508	8114	8,58560,99566	54,71672	11,41439,00434	40	
	30	8,58583,44632	54,56683	9,99967,73394	8124	8,58615,71238	54,64807	11,41384,28762	30	
	40	8,58638,01315	54,49829	9,99967,65270	8135	8,58670,36045	54,57964	11,41329,63955	20	
	50	8,58692,51144	54,42985	9,99967,57135	8145	8,58724,94009	54,51130	11,41275,05991	10	
13	0	8,58746,94129	54,36162	9,99967,48990	8155	8,58779,45139	54,44317	11,41220,54861	0	47
	10	8,58801,30291	54,29356	9,99967,40835	8165	8,58833,89456	54,37521	11,41166,10544	50	
	20	8,58855,59647	54,22566	9,99967,32670	8175	8,58888,26977	54,30741	11,41111,73023	40	
	30	8,58909,82213	54,15792	9,99967,24495	8186	8,58942,57718	54,23978	11,41057,42282	30	
	40	8,58963,98005	54,09043	9,99967,16309	8196	8,58996,81696	54,17239	11,41003,18304	20	
	50	8,59018,07048	54,02298	9,99967,08113	8206	8,59050,98935	54,10504	11,40949,01065	10	
14	0	8,59072,09346	53,95577	9,99966,99907	8216	8,59105,09439	54,03793	11,40894,90561	0	46
	10	8,59126,04923	53,88875	9,99966,91691	8227	8,59159,13232	53,97102	11,40840,86768	50	
	20	8,59179,93798	53,82185	9,99966,83464	8237	8,59213,10334	53,90422	11,40786,89666	40	
	30	8,59233,75983	53,75512	9,99966,75227	8247	8,59267,00756	53,83759	11,40732,99244	30	
	40	8,59287,51495	53,68858	9,99966,66980	8257	8,59320,84515	53,77115	11,40679,15485	20	
	50	8,59341,20353	53,62218	9,99966,58723	8268	8,59374,61630	53,70486	11,40625,38370	10	
15	0	8,59394,82571	53,55596	9,99966,50455	8278	8,59428,32116	53,63874	11,40571,67884	0	45
	10	8,59448,38167	53,48989	9,99966,42177	8288	8,59481,95990	53,57277	11,40518,04010	50	
	20	8,59501,87156	53,42397	9,99966,33889	8298	8,59535,53267	53,50695	11,40464,46733	40	
	30	8,59555,29553	53,35826	9,99966,25591	8308	8,59589,03962	53,44134	11,40410,96038	30	
	40	8,59608,65379	53,29266	9,99966,17283	8319	8,59642,48096	53,37585	11,40357,51904	20	
	50	8,59661,94645	53,22726	9,99966,08964	8329	8,59695,85681	53,31055	11,40304,14319	10	
16	0	8,59715,17371	53,16197	9,99966,00635	8339	8,59749,16736	53,24536	11,40250,83264	0	44
	10	8,59768,33568	53,09692	9,99965,92296	8349	8,59802,41272	53,18041	11,40197,58728	50	
	20	8,59821,43260	53,03195	9,99965,83947	8359	8,59855,59313	53,11554	11,40144,40687	40	
	30	8,59874,46455	52,96718	9,99965,75588	8370	8,59908,70867	53,05088	11,40091,29133	30	
	40	8,59927,43173	52,90255	9,99965,67218	8380	8,59961,75955	52,98635	11,40038,24045	20	
	50	8,59980,33428	52,83808	9,99965,58838	8390	8,60014,74590	52,92198	11,39985,25410	10	
17	0	8,60033,17236	52,77377	9,99965,50448	8400	8,60067,66788	52,85777	11,39932,33212	0	43
	10	8,60085,94613	52,70963	9,99965,42048	8411	8,60120,52565	52,79374	11,39879,47435	50	
	20	8,60138,65576	52,64563	9,99965,33637	8421	8,60173,31939	52,72984	11,39826,68061	40	
	30	8,60191,30139	52,58179	9,99965,25216	8431	8,60226,04923	52,66610	11,39773,95077	30	
	40	8,60243,88318	52,51810	9,99965,16785	8441	8,60278,71533	52,60251	11,39721,28467	20	
	50	8,60296,40128	52,45456	9,99965,08344	8452	8,60331,31784	52,53908	11,39668,68216	10	
18	0	8,60348,85584	52,39118	9,99964,99892	8462	8,60383,85692	52,47580	11,39616,14308	0	42
	10	8,60401,24702	52,32797	9,99964,91430	8472	8,60436,33272	52,41269	11,39563,66728	50	
	20	8,60453,57499	52,26486	9,99964,82958	8482	8,60488,74541	52,34968	11,39511,25459	40	
	30	8,60505,83985	52,20196	9,99964,74476	8492	8,60541,09509	52,28688	11,39458,90491	30	
	40	8,60558,04181	52,13918	9,99964,65984	8503	8,60593,38197	52,22421	11,39406,61803	20	
	50	8,60610,18099	52,07655	9,99964,57481	8513	8,60645,60618	52,16168	11,39354,39382	10	
19	0	8,60662,25754	52,01409	9,99964,48968	8523	8,60697,76786	52,09932	11,39302,23214	0	41
	10	8,60714,27163	51,95177	9,99964,40445	8533	8,60749,86718	52,03710	11,39250,13282	50	
	20	8,60766,22340	51,88959	9,99964,31912	8544	8,60801,90428	51,97503	11,39198,09572	40	
	30	8,60818,11299	51,82758	9,99964,23368	8554	8,60853,87931	51,91312	11,39146,12069	30	
	40	8,60869,94057	51,76566	9,99964,14814	8564	8,60905,79243	51,85130	11,39094,20757	20	
	50	8,60921,70623	51,70397	9,99964,06250	8574	8,60957,64373	51,78971	11,39042,35627	10	
20	0	8,60973,41020	51,64235	9,99963,97676	8584	8,61009,43344	51,72819	11,38990,56656	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	8,60973,41020	51,64235	9,99963,97676	8584	8,61009,43344	51,72819	11,38990,56656	0	40
	10	8,61025,05255	51,58096	9,99963,89092	8595	8,61061,16163	51,66691	11,38938,83837	50	
	20	8,61076,63351	51,51964	9,99963,80497	8605	8,61112,82854	51,60569	11,38887,17146	40	
	30	8,61128,15315	51,45848	9,99963,71892	8615	8,61164,43423	51,54463	11,38835,56577	30	
	40	8,61179,61163	51,39751	9,99963,63277	8625	8,61215,97886	51,48376	11,38784,02114	20	
	50	8,61231,00914	51,33661	9,99963,54652	8636	8,61267,46262	51,42297	11,38732,53738	10	
21	0	8,61282,34575	51,27595	9,99963,46016	8646	8,61318,88559	51,36241	11,38681,11441	0	39
	10	8,61333,62170	51,21532	9,99963,37370	8656	8,61370,24800	51,30188	11,38629,75200	50	
	20	8,61384,83702	51,15495	9,99963,28714	8666	8,61421,54988	51,24161	11,38578,45012	40	
	30	8,61435,99197	51,09463	9,99963,20048	8676	8,61472,79149	51,18139	11,38527,20851	30	
	40	8,61487,08660	51,03450	9,99963,11372	8687	8,61523,97288	51,12137	11,38476,02712	20	
	50	8,61538,12110	50,97449	9,99963,02685	8697	8,61575,09425	51,06146	11,38424,90575	10	
22	0	8,61589,09559	50,91462	9,99962,93988	8707	8,61626,15571	51,00169	11,38373,84429	0	38
	10	8,61640,01021	50,85492	9,99962,85281	8717	8,61677,15740	50,94209	11,38322,84260	50	
	20	8,61690,86513	50,79532	9,99962,76564	8728	8,61728,09949	50,88260	11,38271,90051	40	
	30	8,61741,66045	50,73590	9,99962,67836	8738	8,61778,98209	50,82328	11,38221,01791	30	
	40	8,61792,39635	50,67659	9,99962,59098	8748	8,61829,80537	50,76407	11,38170,19463	20	
	50	8,61843,07294	50,61738	9,99962,50350	8758	8,61880,56944	50,70496	11,38119,43056	10	
23	0	8,61893,69032	50,55838	9,99962,41592	8768	8,61931,27440	50,64606	11,38068,72560	0	37
	10	8,61944,24870	50,49951	9,99962,32824	8779	8,61981,92046	50,58730	11,38018,07954	50	
	20	8,61994,74821	50,44073	9,99962,24045	8789	8,62032,50776	50,52862	11,37967,49224	40	
	30	8,62045,18894	50,38213	9,99962,15256	8799	8,62083,03638	50,47012	11,37916,96362	30	
	40	8,62095,57107	50,32362	9,99962,06457	8809	8,62133,50650	50,41171	11,37866,49350	20	
	50	8,62145,89469	50,26530	9,99961,97648	8820	8,62183,91821	50,35350	11,37816,08179	10	
24	0	8,62196,15999	50,20707	9,99961,88828	8830	8,62234,27171	50,29537	11,37765,72829	0	36
	10	8,62246,36706	50,14900	9,99961,79998	8840	8,62284,56708	50,23740	11,37715,43292	50	
	20	8,62296,51606	50,09106	9,99961,71158	8850	8,62334,80448	50,17956	11,37665,19552	40	
	30	8,62346,60712	50,03325	9,99961,62308	8861	8,62384,98404	50,12186	11,37615,01596	30	
	40	8,62396,64037	49,97559	9,99961,53447	8871	8,62435,10590	50,06430	11,37564,89410	20	
	50	8,62446,61596	49,91801	9,99961,44576	8881	8,62485,17020	50,00682	11,37514,82980	10	
25	0	8,62496,53397	49,86061	9,99961,35695	8891	8,62535,17702	49,94952	11,37464,82298	0	35
	10	8,62546,39458	49,80336	9,99961,26804	8902	8,62585,12654	49,89238	11,37414,87346	50	
	20	8,62596,19794	49,74618	9,99961,17902	8912	8,62635,01892	49,83530	11,37364,98108	40	
	30	8,62645,94412	49,68917	9,99961,08990	8922	8,62684,85422	49,77839	11,37315,14578	30	
	40	8,62695,63329	49,63228	9,99961,00068	8932	8,62734,63261	49,72160	11,37265,36739	20	
	50	8,62745,26557	49,57552	9,99960,91136	8942	8,62784,35421	49,66494	11,37215,64579	10	
26	0	8,62794,84109	49,51891	9,99960,82194	8953	8,62834,01915	49,60844	11,37165,98085	0	34
	10	8,62844,36000	49,46237	9,99960,73241	8963	8,62883,62759	49,55200	11,37116,37241	50	
	20	8,62893,82237	49,40602	9,99960,64278	8973	8,62933,17959	49,49575	11,37066,82041	40	
	30	8,62943,22839	49,34977	9,99960,55305	8983	8,62982,67534	49,43960	11,37017,32466	30	
	40	8,62992,57816	49,29366	9,99960,46322	8993	8,63032,11494	49,38359	11,36967,88506	20	
	50	8,63041,87182	49,23768	9,99960,37329	9004	8,63081,49853	49,32772	11,36918,50147	10	
27	0	8,63091,10950	49,18184	9,99960,28325	9014	8,63130,82625	49,27198	11,36869,17375	0	33
	10	8,63140,29134	49,12606	9,99960,19311	9024	8,63180,09823	49,21630	11,36819,90177	50	
	20	8,63189,41740	49,07046	9,99960,10287	9034	8,63229,31453	49,16080	11,36770,68547	40	
	30	8,63238,48786	49,01498	9,99960,01253	9045	8,63278,47533	49,10543	11,36721,52467	30	
	40	8,63287,50284	48,95963	9,99959,92208	9055	8,63327,58076	49,05018	11,36672,41924	20	
	50	8,63336,46247	48,90440	9,99959,83153	9065	8,63376,63094	48,99505	11,36623,36906	10	
28	0	8,63385,36687	48,84927	9,99959,74088	9075	8,63425,62599	48,94002	11,36574,37401	0	32
	10	8,63434,21614	48,79432	9,99959,65013	9086	8,63474,56601	48,88518	11,36525,43399	50	
	20	8,63483,01046	48,73943	9,99959,55927	9096	8,63523,45119	48,83039	11,36476,54881	40	
	30	8,63531,74989	48,68470	9,99959,46831	9106	8,63572,28158	48,77576	11,36427,71842	30	
	40	8,63580,43459	48,63009	9,99959,37725	9116	8,63621,05734	48,72125	11,36378,94266	20	
	50	8,63629,06468	48,57557	9,99959,28609	9126	8,63669,77859	48,66683	11,36330,22141	10	
29	0	8,63677,64025	48,52123	9,99959,19483	9137	8,63718,44542	48,61260	11,36281,55458	0	31
	10	8,63726,16148	48,46695	9,99959,10346	9147	8,63767,05802	48,55842	11,36232,94198	50	
	20	8,63774,62843	48,41283	9,99959,01199	9157	8,63815,61644	48,50440	11,36184,38356	40	
	30	8,63823,04126	48,35880	9,99958,92042	9167	8,63864,12084	48,45047	11,36135,87916	30	
	40	8,63871,40006	48,30493	9,99958,82875	9177	8,63912,57131	48,39670	11,36087,42869	20	
	50	8,63919,70499	48,25117	9,99958,73698	9188	8,63960,96801	48,34305	11,36039,03199	10	
30	0	8,63967,95616	48,19751	9,99958,64510	9198	8,64009,31106	48,28949	11,35990,58894	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	8,63967,95616	48,19751	9,99958,64510	9198	8,64009,31106	48,28949	11,35990,68894	0	30
	10	8,64016,15367	48,14396	9,99958,55312	9208	8,64057,60055	48,23604	11,35942,39945	50	
	20	8,64064,29763	48,09058	9,99958,46104	9218	8,64105,83659	48,18276	11,35894,16341	40	
	30	8,64112,38821	48,03727	9,99958,36886	9229	8,64154,01935	48,12956	11,35845,98065	30	
	40	8,64160,42548	47,98407	9,99958,27657	9239	8,64202,14891	48,07646	11,35797,85109	20	
	50	8,64208,40955	47,93105	9,99958,18418	9249	8,64250,22537	48,02354	11,35749,77463	10	
31	0	8,64256,34060	47,87808	9,99958,09169	9259	8,64298,24891	47,97067	11,35701,75109	0	29
	10	8,64304,21868	47,82527	9,99957,99910	9270	8,64346,21958	47,91797	11,35653,78042	50	
	20	8,64352,04395	47,77255	9,99957,90640	9280	8,64394,13755	47,86535	11,35605,86245	40	
	30	8,64399,81650	47,71996	9,99957,81360	9290	8,64442,00290	47,81286	11,35557,99710	30	
	40	8,64447,53646	47,66748	9,99957,72070	9300	8,64489,81576	47,76048	11,35510,18424	20	
	50	8,64495,20394	47,61512	9,99957,62770	9311	8,64537,57624	47,70823	11,35462,42376	10	
32	0	8,64542,81906	47,56286	9,99957,53459	9321	8,64585,28447	47,65607	11,35414,71553	0	28
	10	8,64590,38192	47,51075	9,99957,44138	9331	8,64632,94054	47,60406	11,35367,05946	50	
	20	8,64637,89267	47,45870	9,99957,34807	9341	8,64680,54460	47,55211	11,35319,45540	40	
	30	8,64685,35137	47,40681	9,99957,25466	9351	8,64728,09671	47,50032	11,35271,90329	30	
	40	8,64732,75818	47,35502	9,99957,16115	9362	8,64775,59703	47,44864	11,35224,40297	20	
	50	8,64780,11320	47,30332	9,99957,06753	9372	8,64823,04567	47,39704	11,35176,95433	10	
33	0	8,64827,41652	47,25175	9,99956,97381	9382	8,64870,44271	47,34557	11,35129,55729	0	27
	10	8,64874,66827	47,20032	9,99956,87999	9392	8,64917,78828	47,29424	11,35082,21172	50	
	20	8,64921,86859	47,14896	9,99956,78607	9403	8,64965,08252	47,24299	11,35034,91748	40	
	30	8,64969,01755	47,09771	9,99956,69204	9413	8,65012,32551	47,19184	11,34987,67449	30	
	40	8,65016,11526	47,04664	9,99956,59791	9423	8,65059,51735	47,14087	11,34940,48265	20	
	50	8,65063,16190	46,99557	9,99956,50368	9433	8,65106,65822	47,08990	11,34893,34178	10	
34	0	8,65110,15747	46,94469	9,99956,40935	9443	8,65153,74812	47,03912	11,34846,25188	0	26
	10	8,65157,10216	46,89391	9,99956,31492	9454	8,65200,78724	46,98845	11,34799,21276	50	
	20	8,65203,99607	46,84320	9,99956,22038	9464	8,65247,77569	46,93784	11,34752,22431	40	
	30	8,65250,83927	46,79264	9,99956,12574	9474	8,65294,71353	46,88738	11,34705,28647	30	
	40	8,65297,63191	46,74218	9,99956,03100	9484	8,65341,60091	46,83702	11,34658,39909	20	
	50	8,65344,37409	46,69182	9,99955,93616	9495	8,65388,43793	46,78677	11,34611,56207	10	
35	0	8,65391,06591	46,64158	9,99955,84121	9505	8,65435,22470	46,73663	11,34564,77530	0	25
	10	8,65437,70749	46,59144	9,99955,74616	9515	8,65481,96133	46,68659	11,34518,03867	50	
	20	8,65484,29893	46,54142	9,99955,65101	9525	8,65528,64792	46,63667	11,34471,35208	40	
	30	8,65530,84035	46,49147	9,99955,55576	9536	8,65575,28459	46,58683	11,34424,71541	30	
	40	8,65577,33182	46,44167	9,99955,46040	9546	8,65621,87142	46,53713	11,34378,12858	20	
	50	8,65623,77349	46,39196	9,99955,36494	9556	8,65668,40855	46,48752	11,34331,59145	10	
36	0	8,65670,16545	46,34233	9,99955,26938	9566	8,65714,89607	46,43799	11,34285,10393	0	24
	10	8,65716,50778	46,29286	9,99955,17372	9576	8,65761,33406	46,38862	11,34238,66594	50	
	20	8,65762,80064	46,24345	9,99955,07796	9587	8,65807,72268	46,33932	11,34192,27732	40	
	30	8,65809,04409	46,19417	9,99954,98209	9597	8,65854,06200	46,29014	11,34145,93800	30	
	40	8,65855,23826	46,14497	9,99954,88612	9607	8,65900,35214	46,24104	11,34099,64786	20	
	50	8,65901,38323	46,09588	9,99954,79005	9617	8,65946,59318	46,19205	11,34053,40682	10	
37	0	8,65947,47911	46,04691	9,99954,69388	9628	8,65992,78523	46,14319	11,34007,21477	0	23
	10	8,65993,52602	45,99805	9,99954,59760	9638	8,66038,92842	46,09443	11,33961,07158	50	
	20	8,66039,52407	45,94929	9,99954,50122	9648	8,66085,02285	46,04577	11,33914,97715	40	
	30	8,66085,47336	45,90061	9,99954,40474	9658	8,66131,06862	45,99719	11,33868,93138	30	
	40	8,66131,37397	45,85205	9,99954,30816	9668	8,66177,06581	45,94873	11,33822,93419	20	
	50	8,66177,22602	45,80360	9,99954,21148	9679	8,66223,01454	45,90039	11,33776,98546	10	
38	0	8,66223,02962	45,75523	9,99954,11469	9689	8,66268,91493	45,85212	11,33731,08507	0	22
	10	8,66268,78485	45,70698	9,99954,01780	9699	8,66314,76705	45,80397	11,33685,23295	50	
	20	8,66314,49183	45,65881	9,99953,92081	9710	8,66360,57102	45,75591	11,33639,42898	40	
	30	8,66360,15064	45,61077	9,99953,82371	9720	8,66406,32693	45,70797	11,33593,67307	30	
	40	8,66405,76141	45,56280	9,99953,72651	9730	8,66452,03490	45,66010	11,33547,96510	20	
	50	8,66451,32421	45,51496	9,99953,62921	9740	8,66497,69500	45,61236	11,33502,30500	10	
39	0	8,66496,83917	45,46721	9,99953,53181	9750	8,66543,30736	45,56471	11,33456,69264	0	21
	10	8,66542,30638	45,41955	9,99953,43431	9761	8,66588,87207	45,51716	11,33411,12793	50	
	20	8,66587,72593	45,37200	9,99953,33670	9771	8,66634,38923	45,46971	11,33365,61077	40	
	30	8,66633,09793	45,32455	9,99953,23899	9781	8,66679,85894	45,42236	11,33320,14106	30	
	40	8,66678,42248	45,27719	9,99953,14118	9791	8,66725,28130	45,37510	11,33274,71870	20	
	50	8,66723,69967	45,22992	9,99953,04327	9801	8,66770,65640	45,32793	11,33229,34360	10	
40	0	8,66768,92959	45,18277	9,99952,94526	9812	8,66815,98433	45,28089	11,33184,01567	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	8,66768,92959	45,18277	9,99952,94526	9812	8,66815,98433	45,28089	11,33184,01567	0	20
	10	8,66814,11236	45,13575	9,99952,84714	9822	8,66861,26522	45,23397	11,33138,73478	50	
	20	8,66859,24811	45,08874	9,99952,74892	9832	8,66906,49919	45,18706	11,33093,50081	40	
	30	8,66904,33685	45,04188	9,99952,65060	9842	8,66951,68625	45,14030	11,33048,31375	30	
	40	8,66949,37873	44,99510	9,99952,55218	9853	8,66996,82655	45,09363	11,33003,17345	20	
	50	8,66994,37383	44,94846	9,99952,45365	9863	8,67041,92018	45,04709	11,32958,07982	10	
41	0	8,67039,32229	44,90189	9,99952,35502	9873	8,67086,96727	45,00062	11,32913,03273	0	19
	10	8,67084,22418	44,85537	9,99952,25629	9883	8,67131,96789	44,95420	11,32868,03211	50	
	20	8,67129,07955	44,80904	9,99952,15746	9894	8,67176,92209	44,90798	11,32823,07791	40	
	30	8,67173,88859	44,76274	9,99952,05852	9904	8,67221,83007	44,86178	11,32778,16993	30	
	40	8,67218,65133	44,71652	9,99951,95948	9914	8,67266,69185	44,81566	11,32733,30815	20	
	50	8,67263,36785	44,67046	9,99951,86034	9924	8,67311,50751	44,76970	11,32688,49249	10	
42	0	8,67308,03831	44,62442	9,99951,76110	9935	8,67356,27721	44,72377	11,32643,72279	0	18
	10	8,67352,66273	44,57854	9,99951,66175	9945	8,67401,00098	44,67799	11,32598,99902	50	
	20	8,67397,24127	44,53271	9,99951,56230	9955	8,67445,67897	44,63226	11,32554,32103	40	
	30	8,67441,77398	44,48701	9,99951,46275	9965	8,67490,31123	44,58666	11,32509,68877	30	
	40	8,67486,26099	44,44139	9,99951,36310	9975	8,67534,89789	44,54114	11,32465,10211	20	
	50	8,67530,70238	44,39582	9,99951,26335	9986	8,67579,43903	44,49568	11,32420,56097	10	
43	0	8,67575,09820	44,35040	9,99951,16349	9996	8,67623,93471	44,45036	11,32376,06529	0	17
	10	8,67619,44860	44,30506	9,99951,06353	10006	8,67668,38507	44,40512	11,32331,61493	50	
	20	8,67663,75366	44,25977	9,99950,96347	10016	8,67712,79019	44,35993	11,32287,20981	40	
	30	8,67708,01343	44,21467	9,99950,86331	10026	8,67757,15012	44,31493	11,32242,84988	30	
	40	8,67752,22810	44,16956	9,99950,76305	10037	8,67801,46505	44,26993	11,32198,53495	20	
	50	8,67796,39766	44,12459	9,99950,66268	10047	8,67845,73498	44,22506	11,32154,26502	10	
44	0	8,67840,52225	44,07968	9,99950,56221	10057	8,67889,96004	44,18025	11,32110,03996	0	16
	10	8,67884,60193	44,03492	9,99950,46164	10068	8,67934,14029	44,13560	11,32065,85971	50	
	20	8,67928,63685	43,99020	9,99950,36096	10078	8,67978,27589	44,09098	11,32021,72411	40	
	30	8,67972,62705	43,94560	9,99950,26018	10088	8,68022,36687	44,04648	11,31977,63313	30	
	40	8,68016,57265	43,90107	9,99950,15930	10098	8,68066,41335	44,00205	11,31933,58665	20	
	50	8,68060,47372	43,85662	9,99950,05832	10108	8,68110,41540	43,95770	11,31889,58460	10	
45	0	8,68104,33034	43,81230	9,99949,95724	10119	8,68154,37310	43,91349	11,31845,62690	0	15
	10	8,68148,14264	43,76801	9,99949,85605	10129	8,68198,28659	43,86930	11,31801,71341	50	
	20	8,68191,91065	43,72385	9,99949,75476	10139	8,68242,15589	43,82524	11,31757,84411	40	
	30	8,68235,63450	43,67978	9,99949,65337	10149	8,68285,98113	43,78127	11,31714,01887	30	
	40	8,68279,31428	43,63580	9,99949,55188	10160	8,68329,76240	43,73740	11,31670,23760	20	
	50	8,68322,95008	43,59191	9,99949,45028	10170	8,68373,49980	43,69361	11,31626,50020	10	
46	0	8,68366,54199	43,54805	9,99949,34858	10180	8,68417,19341	43,64985	11,31582,80659	0	14
	10	8,68410,09004	43,50436	9,99949,24678	10190	8,68460,84326	43,60626	11,31539,15674	50	
	20	8,68453,59440	43,46071	9,99949,14488	10200	8,68504,44952	43,56271	11,31495,55048	40	
	30	8,68497,05511	43,41715	9,99949,04288	10211	8,68548,01223	43,51926	11,31451,98777	30	
	40	8,68540,47226	43,37371	9,99948,94077	10221	8,68591,53149	43,47592	11,31408,46851	20	
	50	8,68583,84597	43,33031	9,99948,83856	10231	8,68635,00741	43,43262	11,31364,99259	10	
47	0	8,68627,17628	43,28702	9,99948,73625	10241	8,68678,44003	43,38943	11,31321,55997	0	13
	10	8,68670,46330	43,24384	9,99948,63384	10252	8,68721,82946	43,34636	11,31278,17054	50	
	20	8,68713,70714	43,20072	9,99948,53132	10262	8,68765,17582	43,30334	11,31234,82418	40	
	30	8,68756,90786	43,15766	9,99948,42870	10272	8,68808,47916	43,26038	11,31191,52084	30	
	40	8,68800,06552	43,11474	9,99948,32598	10282	8,68851,73954	43,21756	11,31148,26046	20	
	50	8,68843,18026	43,07189	9,99948,22316	10293	8,68894,95710	43,17482	11,31105,04290	10	
48	0	8,68886,25215	43,02906	9,99948,12023	10303	8,68938,13192	43,13209	11,31061,86808	0	12
	10	8,68929,28121	42,98639	9,99948,01720	10313	8,68981,26401	43,08952	11,31018,73599	50	
	20	8,68972,26760	42,94381	9,99947,91407	10323	8,69024,35353	43,04704	11,30975,64647	40	
	30	8,69015,21141	42,90127	9,99947,81084	10334	8,69067,40057	43,00461	11,30932,59943	30	
	40	8,69058,11268	42,85887	9,99947,70750	10344	8,69110,40518	42,96231	11,30889,59482	20	
	50	8,69100,97155	42,81645	9,99947,60406	10354	8,69153,36749	42,91999	11,30846,63251	10	
49	0	8,69143,78800	42,77419	9,99947,50052	10364	8,69196,28748	42,87783	11,30803,71252	0	11
	10	8,69186,56219	42,73203	9,99947,39688	10375	8,69239,16531	42,83578	11,30760,83469	50	
	20	8,69229,29422	42,68990	9,99947,29313	10385	8,69282,00109	42,79375	11,30717,99891	40	
	30	8,69271,98412	42,64789	9,99947,18928	10395	8,69324,79484	42,75184	11,30675,20516	30	
	40	8,69314,63201	42,60592	9,99947,08533	10405	8,69367,54668	42,70997	11,30632,45332	20	
	50	8,69357,23793	42,56407	9,99946,98128	10415	8,69410,25665	42,66822	11,30589,74335	10	
50	0	8,69399,80200	42,52231	9,99946,87713	10426	8,69452,92487	42,62657	11,30547,07513	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	8,69399,80200	42,52231	9,99946,87713	10426	8,69452,92487	42,62657	11,30547,07513	0	10
	10	8,69442,32431	42,48062	9,99946,77287	10436	8,69495,55144	42,58498	11,30504,44856	50	
	20	8,69484,80493	42,43900	9,99946,66851	10446	8,69538,13642	42,54346	11,30461,86358	40	
	30	8,69527,24393	42,39746	9,99946,56405	10456	8,69580,67988	42,50202	11,30419,32012	30	
	40	8,69569,64139	42,35599	9,99946,45949	10466	8,69623,18190	42,46065	11,30376,81810	20	
	50	8,69611,99738	42,31465	9,99946,35483	10477	8,69665,64255	42,41942	11,30334,35745	10	
51	0	8,69654,31203	42,27335	9,99946,25006	10487	8,69708,06197	42,37822	11,30291,93803	0	9
	10	8,69696,58538	42,23214	9,99946,14519	10497	8,69750,44019	42,33711	11,30249,55981	50	
	20	8,69738,81752	42,19098	9,99946,04022	10507	8,69792,77730	42,29605	11,30207,22270	40	
	30	8,69781,00850	42,14995	9,99945,93515	10518	8,69835,07335	42,25513	11,30164,92665	30	
	40	8,69823,15845	42,10899	9,99945,82997	10528	8,69877,32848	42,21427	11,30122,67152	20	
	50	8,69865,26744	42,06811	9,99945,72469	10538	8,69919,54275	42,17349	11,30080,45725	10	
52	0	8,69907,33555	42,02729	9,99945,61931	10548	8,69961,71624	42,13277	11,30038,28376	0	8
	10	8,69949,36284	41,98654	9,99945,51383	10559	8,70003,84901	42,09213	11,29996,15099	50	
	20	8,69991,34938	41,94591	9,99945,40824	10569	8,70045,94114	42,05160	11,29954,05886	40	
	30	8,70033,29529	41,90533	9,99945,30255	10579	8,70087,99274	42,01112	11,29912,00726	30	
	40	8,70075,20062	41,86480	9,99945,19676	10589	8,70130,00386	41,97069	11,29869,99614	20	
	50	8,70117,06542	41,82442	9,99945,09087	10600	8,70171,97455	41,93042	11,29828,02545	10	
53	0	8,70158,88984	41,78407	9,99944,98487	10610	8,70213,90497	41,89017	11,29786,09503	0	7
	10	8,70200,67391	41,74381	9,99944,87877	10620	8,70255,79514	41,85001	11,29744,20486	50	
	20	8,70242,41772	41,70359	9,99944,77257	10630	8,70297,64515	41,80989	11,29702,35485	40	
	30	8,70284,12131	41,66350	9,99944,66627	10641	8,70339,45504	41,76991	11,29660,54496	30	
	40	8,70325,78481	41,62346	9,99944,55986	10651	8,70381,22495	41,72997	11,29618,77505	20	
	50	8,70367,40827	41,58353	9,99944,45335	10661	8,70422,95492	41,69014	11,29577,04508	10	
54	0	8,70408,99180	41,54361	9,99944,34674	10671	8,70464,64506	41,65032	11,29535,35494	0	6
	10	8,70450,53541	41,50386	9,99944,24003	10682	8,70506,29538	41,61068	11,29493,70462	50	
	20	8,70492,03927	41,46410	9,99944,13321	10692	8,70547,90606	41,57102	11,29452,09394	40	
	30	8,70533,50337	41,42442	9,99944,02629	10702	8,70589,47708	41,53144	11,29410,52292	30	
	40	8,70574,92779	41,38489	9,99943,91927	10712	8,70631,00852	41,49201	11,29368,99148	20	
	50	8,70616,31268	41,34538	9,99943,81215	10722	8,70672,50053	41,45260	11,29327,49947	10	
55	0	8,70657,65806	41,30595	9,99943,70493	10733	8,70713,95313	41,41328	11,29286,04687	0	5
	10	8,70698,96401	41,26659	9,99943,59760	10743	8,70755,36641	41,37402	11,29244,63359	50	
	20	8,70740,23060	41,22732	9,99943,49017	10753	8,70796,74043	41,33485	11,29203,25957	40	
	30	8,70781,45792	41,18812	9,99943,38264	10763	8,70838,07528	41,29575	11,29161,92472	30	
	40	8,70822,64604	41,14897	9,99943,27501	10773	8,70879,37103	41,25670	11,29120,62897	20	
	50	8,70863,79501	41,10994	9,99943,16728	10784	8,70920,62773	41,21778	11,29079,37227	10	
56	0	8,70904,90495	41,07095	9,99943,05944	10794	8,70961,84551	41,17889	11,29038,15449	0	4
	10	8,70945,97590	41,03205	9,99942,95150	10804	8,71003,02440	41,14009	11,28996,97560	50	
	20	8,70987,00795	40,99322	9,99942,84346	10815	8,71044,16449	41,10137	11,28955,83551	40	
	30	8,71028,00117	40,95446	9,99942,73531	10825	8,71085,26586	41,06271	11,28914,73414	30	
	40	8,71068,95563	40,91578	9,99942,62706	10835	8,71126,32857	41,02413	11,28873,67143	20	
	50	8,71109,87141	40,87715	9,99942,51871	10845	8,71167,35270	40,98560	11,28832,64730	10	
57	0	8,71150,74856	40,83861	9,99942,41026	10855	8,71208,33830	40,94716	11,28791,66170	0	3
	10	8,71191,58717	40,80016	9,99942,30171	10866	8,71249,28546	40,90882	11,28750,71454	50	
	20	8,71232,38733	40,76175	9,99942,19305	10876	8,71290,19428	40,87051	11,28709,80572	40	
	30	8,71273,14908	40,72345	9,99942,08429	10886	8,71331,06479	40,83231	11,28668,93521	30	
	40	8,71313,87253	40,68516	9,99941,97543	10896	8,71371,89710	40,79412	11,28628,10290	20	
	50	8,71354,55769	40,64700	9,99941,86647	10907	8,71412,69122	40,75607	11,28587,30878	10	
58	0	8,71395,20469	40,60889	9,99941,75740	10917	8,71453,44729	40,71806	11,28546,55271	0	2
	10	8,71435,81358	40,57084	9,99941,64823	10927	8,71494,16535	40,68011	11,28505,83465	50	
	20	8,71476,38442	40,53289	9,99941,53896	10937	8,71534,84546	40,64226	11,28465,15454	40	
	30	8,71516,91731	40,49500	9,99941,42959	10947	8,71575,48772	40,60447	11,28424,51228	30	
	40	8,71557,41231	40,45713	9,99941,32012	10958	8,71616,09219	40,56671	11,28383,90781	20	
	50	8,71597,86944	40,41943	9,99941,21054	10968	8,71656,65890	40,52911	11,28343,34110	10	
59	0	8,71638,28887	40,38172	9,99941,10086	10978	8,71697,18801	40,49150	11,28302,81199	0	1
	10	8,71678,67059	40,34409	9,99940,99108	10989	8,71737,67951	40,45398	11,28262,32049	50	
	20	8,71719,01468	40,30657	9,99940,88119	10999	8,71778,13349	40,41656	11,28221,86651	40	
	30	8,71759,32125	40,26910	9,99940,77120	11009	8,71818,55005	40,37919	11,28181,44995	30	
	40	8,71799,59035	40,23167	9,99940,66111	11019	8,71858,92924	40,34186	11,28141,07076	20	
	50	8,71839,82202	40,19434	9,99940,55092	11029	8,71899,27110	40,30463	11,28100,72890	10	
60	0	8,71880,01636	40,15708	9,99940,44063	11040	8,71939,57573	40,26748	11,28060,42427	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
3										
0	0	8,71880,01636	40,15708	9,99940,44063	11040	8,71939,57573	40,26748	11,28060,42427	0	60
	10	8,71920,17344	40,11988	9,99940,33023	11050	8,71979,84321	40,23038	11,28020,15679	50	
	20	8,71960,29332	40,08274	9,99940,21973	11060	8,72020,07359	40,19334	11,27979,92641	40	
	30	8,72000,37606	40,04567	9,99940,10913	11070	8,72060,26693	40,15637	11,27939,73307	30	
	40	8,72040,42173	40,00868	9,99939,99843	11081	8,72100,42330	40,11949	11,27899,57670	20	
	50	8,72080,43041	39,97178	9,99939,88762	11091	8,72140,54279	40,08269	11,27859,45721	10	
1	0	8,72120,40219	39,93490	9,99939,77671	11101	8,72180,62548	40,04591	11,27819,37452	0	59
	10	8,72160,33709	39,89813	9,99939,66570	11111	8,72220,67139	40,00924	11,27779,32861	50	
	20	8,72200,23522	39,86139	9,99939,55459	11122	8,72260,68063	39,97261	11,27739,31937	40	
	30	8,72240,09661	39,82474	9,99939,44337	11132	8,72300,65324	39,93606	11,27699,34676	30	
	40	8,72279,92135	39,78818	9,99939,33205	11142	8,72340,58930	39,89960	11,27659,41070	20	
	50	8,72319,70953	39,75161	9,99939,22063	11152	8,72380,48890	39,86313	11,27619,51110	10	
2	0	8,72359,46114	39,71518	9,99939,10911	11163	8,72420,35203	39,82681	11,27579,64797	0	58
	10	8,72399,17632	39,67878	9,99938,99748	11173	8,72460,17884	39,79051	11,27539,82116	50	
	20	8,72438,85510	39,64249	9,99938,88575	11183	8,72499,96935	39,75432	11,27500,03065	40	
	30	8,72478,49759	39,60621	9,99938,77392	11193	8,72539,72367	39,71814	11,27460,27633	30	
	40	8,72518,10380	39,57002	9,99938,66199	11203	8,72579,44181	39,68205	11,27420,55819	20	
	50	8,72557,67382	39,53391	9,99938,54996	11214	8,72619,12386	39,64605	11,27380,87614	10	
3	0	8,72597,20773	39,49785	9,99938,43782	11224	8,72658,76991	39,61009	11,27341,23009	0	57
	10	8,72636,70558	39,46183	9,99938,32558	11234	8,72698,38000	39,57417	11,27301,62000	50	
	20	8,72676,16741	39,42593	9,99938,21324	11244	8,72737,95417	39,53837	11,27262,04583	40	
	30	8,72715,59334	39,39006	9,99938,10080	11255	8,72777,49254	39,50261	11,27222,50746	30	
	40	8,72754,98340	39,35430	9,99937,98825	11265	8,72816,99515	39,46695	11,27183,00485	20	
	50	8,72794,33770	39,31853	9,99937,87560	11275	8,72856,46210	39,43128	11,27143,53790	10	
4	0	8,72833,65623	39,28286	9,99937,76285	11285	8,72895,89338	39,39571	11,27104,10662	0	56
	10	8,72872,93909	39,24728	9,99937,65000	11296	8,72935,28909	39,36024	11,27064,71091	50	
	20	8,72912,18637	39,21174	9,99937,53704	11306	8,72974,64933	39,32480	11,27025,35067	40	
	30	8,72951,39811	39,17626	9,99937,42398	11316	8,73013,97413	39,28942	11,26986,02587	30	
	40	8,72990,57437	39,14084	9,99937,31082	11326	8,73053,26355	39,25410	11,26946,73645	20	
	50	8,73029,71521	39,10551	9,99937,19756	11336	8,73092,51765	39,21887	11,26907,48235	10	
5	0	8,73068,82072	39,07022	9,99937,08420	11347	8,73131,73652	39,18369	11,26868,26348	0	55
	10	8,73107,89094	39,03501	9,99936,97073	11357	8,73170,92021	39,14858	11,26829,07979	50	
	20	8,73146,92595	38,99984	9,99936,85716	11367	8,73210,06879	39,11351	11,26789,93121	40	
	30	8,73185,92579	38,96474	9,99936,74349	11377	8,73249,18230	39,07851	11,26750,81770	30	
	40	8,73224,89053	38,92974	9,99936,62972	11388	8,73288,26081	39,04362	11,26711,73919	20	
	50	8,73263,82027	38,89477	9,99936,51584	11398	8,73327,30443	39,00875	11,26672,69557	10	
6	0	8,73302,71504	38,85985	9,99936,40186	11408	8,73366,31318	38,97393	11,26633,68682	0	54
	10	8,73341,57489	38,82501	9,99936,28778	11419	8,73405,28711	38,93920	11,26594,71289	50	
	20	8,73380,39990	38,79023	9,99936,17359	11429	8,73444,22631	38,90452	11,26555,77369	40	
	30	8,73419,19013	38,75554	9,99936,05930	11439	8,73483,13083	38,86993	11,26516,86917	30	
	40	8,73457,94567	38,72083	9,99935,94491	11449	8,73522,00076	38,83532	11,26477,99924	20	
	50	8,73496,66650	38,68626	9,99935,83042	11459	8,73560,83608	38,80085	11,26439,16392	10	
7	0	8,73535,35276	38,65175	9,99935,71583	11470	8,73599,63693	38,76645	11,26400,36307	0	53
	10	8,73574,00451	38,61724	9,99935,60113	11480	8,73638,40338	38,73204	11,26361,59662	50	
	20	8,73612,62175	38,58286	9,99935,48633	11490	8,73677,13542	38,69776	11,26322,86458	40	
	30	8,73651,20461	38,54852	9,99935,37143	11500	8,73715,83318	38,66352	11,26284,16682	30	
	40	8,73689,75313	38,51420	9,99935,25643	11511	8,73754,49670	38,62931	11,26245,50330	20	
	50	8,73728,26733	38,48000	9,99935,14132	11521	8,73793,12601	38,59521	11,26206,87399	10	
8	0	8,73766,74733	38,44581	9,99935,02611	11531	8,73831,72122	38,56112	11,26168,27878	0	52
	10	8,73805,19314	38,41170	9,99934,91080	11541	8,73870,28234	38,52711	11,26129,71766	50	
	20	8,73843,60484	38,37768	9,99934,79539	11552	8,73908,80945	38,49320	11,26091,19055	40	
	30	8,73881,98252	38,34368	9,99934,67987	11562	8,73947,30265	38,45930	11,26052,69735	30	
	40	8,73920,32620	38,30978	9,99934,56425	11572	8,73985,76195	38,42550	11,26014,23805	20	
	50	8,73958,63598	38,27589	9,99934,44853	11582	8,74024,18745	38,39171	11,25975,81255	10	
9	0	8,73996,91187	38,24209	9,99934,33271	11592	8,74062,57916	38,35801	11,25937,42084	0	51
	10	8,74035,15396	38,20833	9,99934,21679	11603	8,74100,93717	38,32436	11,25899,06283	50	
	20	8,74073,36229	38,17465	9,99934,10076	11613	8,74139,26153	38,29078	11,25860,73847	40	
	30	8,74111,53694	38,14103	9,99933,98463	11623	8,74177,55231	38,25726	11,25822,44769	30	
	40	8,74149,67797	38,10744	9,99933,86840	11633	8,74215,80957	38,22377	11,25784,19043	20	
	50	8,74187,78541	38,07395	9,99933,75207	11644	8,74254,03334	38,19039	11,25745,96666	10	
10	0	8,74225,85936	38,04051	9,99933,63563	11654	8,74292,22373	38,15705	11,25707,77627	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	8,74225,85936	38,04051	9,99933,63563	11654	8,74292,22373	38,15705	11,25707,77627	0	50
	10	8,74263,89987	38,00707	9,99933,51909	11664	8,74330,38078	38,12371	11,25669,61922	50	
	20	8,74301,90694	37,97378	9,99933,40245	11674	8,74368,50449	38,09052	11,25631,49551	40	
	30	8,74339,88072	37,94050	9,99933,28571	11685	8,74406,59501	38,05735	11,25593,40499	30	
	40	8,74377,82122	37,90725	9,99933,16886	11695	8,74444,65236	38,02420	11,25555,34764	20	
	50	8,74415,72847	37,87412	9,99933,05191	11705	8,74482,67656	37,99117	11,25517,32344	10	
11	0	8,74453,60259	37,84101	9,99932,93486	11715	8,74520,66773	37,95816	11,25479,33227	0	49
	10	8,74491,44360	37,80796	9,99932,81771	11726	8,74558,62589	37,92522	11,25441,37411	50	
	20	8,74529,25156	37,77498	9,99932,70045	11736	8,74596,55111	37,89234	11,25403,44889	40	
	30	8,74567,02654	37,74204	9,99932,58309	11746	8,74634,44345	37,85950	11,25365,55655	30	
	40	8,74604,76858	37,70917	9,99932,46563	11756	8,74672,30295	37,82673	11,25327,69705	20	
	50	8,74642,47775	37,67637	9,99932,34807	11767	8,74710,12968	37,79404	11,25289,87032	10	
12	0	8,74680,15412	37,64359	9,99932,23040	11777	8,74747,92372	37,76136	11,25252,07628	0	48
	10	8,74717,79771	37,61089	9,99932,11263	11787	8,74785,68508	37,72876	11,25214,31492	50	
	20	8,74755,40860	37,57826	9,99931,99476	11797	8,74823,41384	37,69623	11,25176,58616	40	
	30	8,74792,98686	37,54566	9,99931,87679	11808	8,74861,11007	37,66374	11,25138,88993	30	
	40	8,74830,53252	37,51313	9,99931,75871	11818	8,74898,77381	37,63131	11,25101,22619	20	
	50	8,74868,04565	37,48065	9,99931,64053	11828	8,74936,40512	37,59893	11,25063,59488	10	
13	0	8,74905,52630	37,44821	9,99931,52225	11838	8,74974,00405	37,56659	11,25025,99595	0	47
	10	8,74942,97451	37,41588	9,99931,40387	11849	8,75011,57064	37,53437	11,24988,42936	50	
	20	8,74980,39039	37,38355	9,99931,28538	11859	8,75049,10501	37,50214	11,24950,89499	40	
	30	8,75017,77394	37,35132	9,99931,16679	11869	8,75086,60715	37,47001	11,24913,39285	30	
	40	8,75055,12526	37,31909	9,99931,04810	11879	8,75124,07716	37,43788	11,24875,92284	20	
	50	8,75092,44435	37,28696	9,99930,92931	11889	8,75161,51504	37,40585	11,24838,48496	10	
14	0	8,75129,73131	37,25489	9,99930,81042	11900	8,75198,92089	37,37389	11,24801,07911	0	46
	10	8,75166,98620	37,22284	9,99930,69142	11910	8,75236,29478	37,34194	11,24763,70522	50	
	20	8,75204,20904	37,19086	9,99930,57232	11920	8,75273,63672	37,31006	11,24726,36328	40	
	30	8,75241,39990	37,15892	9,99930,45312	11930	8,75310,94678	37,27822	11,24689,05322	30	
	40	8,75278,55882	37,12708	9,99930,33382	11941	8,75348,22500	37,24649	11,24651,77500	20	
	50	8,75315,68590	37,09525	9,99930,21441	11951	8,75385,47149	37,21476	11,24614,52851	10	
15	0	8,75352,78115	37,06349	9,99930,09490	11961	8,75422,68625	37,18310	11,24577,31375	0	45
	10	8,75389,84464	37,03181	9,99929,97529	11971	8,75459,86935	37,15152	11,24540,13065	50	
	20	8,75426,87645	37,00014	9,99929,85558	11982	8,75497,02087	37,11996	11,24502,97913	40	
	30	8,75463,87659	36,96854	9,99929,73576	11992	8,75534,14083	37,08846	11,24465,85917	30	
	40	8,75500,84513	36,93699	9,99929,61584	12002	8,75571,22929	37,05701	11,24428,77071	20	
	50	8,75537,78212	36,90550	9,99929,49582	12012	8,75608,28630	37,02562	11,24391,71370	10	
16	0	8,75574,68762	36,87411	9,99929,37570	12023	8,75645,31192	36,99434	11,24354,68808	0	44
	10	8,75611,56173	36,84267	9,99929,25547	12033	8,75682,30626	36,96300	11,24317,69374	50	
	20	8,75648,40440	36,81135	9,99929,13514	12043	8,75719,26926	36,93178	11,24280,73074	40	
	30	8,75685,21575	36,78006	9,99929,01471	12053	8,75756,20104	36,90059	11,24243,79896	30	
	40	8,75721,99581	36,74887	9,99928,89418	12063	8,75793,10163	36,86950	11,24206,89837	20	
	50	8,75758,74468	36,71767	9,99928,77355	12074	8,75829,97113	36,83841	11,24170,02887	10	
17	0	8,75795,46235	36,68658	9,99928,65281	12084	8,75866,80954	36,80742	11,24133,19046	0	43
	10	8,75832,14893	36,65551	9,99928,53197	12094	8,75903,61696	36,77645	11,24096,38304	50	
	20	8,75868,80444	36,62447	9,99928,41103	12105	8,75940,39341	36,74552	11,24059,60659	40	
	30	8,75905,42891	36,59352	9,99928,28998	12115	8,75977,13893	36,71467	11,24022,86107	30	
	40	8,75942,02243	36,56258	9,99928,16883	12125	8,76013,85360	36,68383	11,23986,14640	20	
	50	8,75978,58501	36,53179	9,99928,04758	12135	8,76050,53743	36,65314	11,23949,46257	10	
18	0	8,76015,11680	36,50094	9,99927,92623	12145	8,76087,19057	36,62239	11,23912,80943	0	42
	10	8,76051,61774	36,47019	9,99927,80478	12156	8,76123,81296	36,59175	11,23876,18704	50	
	20	8,76088,08793	36,43950	9,99927,68322	12166	8,76160,40471	36,56116	11,23839,59529	40	
	30	8,76124,52743	36,40883	9,99927,56156	12176	8,76196,96587	36,53059	11,23803,03413	30	
	40	8,76160,93626	36,37824	9,99927,43980	12186	8,76233,49646	36,50010	11,23766,50354	20	
	50	8,76197,31450	36,34769	9,99927,31794	12197	8,76269,99656	36,46966	11,23730,00344	10	
19	0	8,76233,66219	36,31721	9,99927,19597	12207	8,76306,46622	36,43928	11,23693,53378	0	41
	10	8,76269,97940	36,28676	9,99927,07390	12217	8,76342,90550	36,40893	11,23657,09450	50	
	20	8,76306,26616	36,25634	9,99926,95173	12227	8,76379,31443	36,37861	11,23620,68557	40	
	30	8,76342,52250	36,22600	9,99926,82946	12238	8,76415,69304	36,34838	11,23584,30696	30	
	40	8,76378,74850	36,19572	9,99926,70708	12248	8,76452,04142	36,31820	11,23547,95858	20	
	50	8,76414,94422	36,16547	9,99926,58460	12258	8,76488,35962	36,28805	11,23511,64038	10	
20	0	8,76451,10969	36,13528	9,99926,46202	12268	8,76524,64767	36,25796	11,23475,35233	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

3 M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	8,76451,10969	36,13528	9,99926,46202	12268	8,76524,64767	36,25796	11,23475,35233	0	40
	10	8,76487,24497	36,10513	9,99926,33934	12279	8,76560,90563	36,22792	11,23439,09437	50	
	20	8,76523,35010	36,07504	9,99926,21655	12289	8,76597,13355	36,19793	11,23402,86645	40	
	30	8,76559,42514	36,04499	9,99926,09366	12299	8,76633,33148	36,16798	11,23366,66852	30	
	40	8,76595,47013	36,01502	9,99925,97067	12309	8,76669,49946	36,13811	11,23330,50054	20	
	50	8,76631,48515	35,98506	9,99925,84758	12320	8,76705,63757	36,10826	11,23294,36243	10	
21	0	8,76667,47021	35,95517	9,99925,72438	12330	8,76741,74583	36,07847	11,23258,25417	0	39
	10	8,76703,42538	35,92532	9,99925,60108	12340	8,76777,82430	36,04872	11,23222,17570	50	
	20	8,76739,35070	35,89552	9,99925,47768	12350	8,76813,87302	36,01902	11,23186,12698	40	
	30	8,76775,24622	35,86578	9,99925,35418	12361	8,76849,89204	35,98939	11,23150,10796	30	
	40	8,76811,11200	35,83609	9,99925,23057	12371	8,76885,88143	35,95980	11,23114,11857	20	
	50	8,76846,94809	35,80644	9,99925,10686	12381	8,76921,84123	35,93025	11,23078,15877	10	
22	0	8,76882,75453	35,77684	9,99924,98305	12391	8,76957,77148	35,90075	11,23042,22852	0	38
	10	8,76918,53137	35,74729	9,99924,85914	12402	8,76993,67223	35,87131	11,23006,32777	50	
	20	8,76954,27866	35,71780	9,99924,73512	12412	8,77029,54354	35,84192	11,22970,45646	40	
	30	8,76989,99646	35,68833	9,99924,61100	12422	8,77065,38546	35,81255	11,22934,61454	30	
	40	8,77025,68479	35,65891	9,99924,48678	12432	8,77101,19801	35,78323	11,22898,80199	20	
	50	8,77061,34370	35,62957	9,99924,36246	12442	8,77136,98124	35,75399	11,22863,01876	10	
23	0	8,77096,97327	35,60027	9,99924,23804	12453	8,77172,73523	35,72480	11,22827,26477	0	37
	10	8,77132,57354	35,57098	9,99924,11351	12463	8,77208,46003	35,69561	11,22791,53997	50	
	20	8,77168,14452	35,54180	9,99923,98888	12473	8,77244,15564	35,66653	11,22755,84436	40	
	30	8,77203,68632	35,51261	9,99923,86415	12483	8,77279,82217	35,63744	11,22720,17783	30	
	40	8,77239,19893	35,48352	9,99923,73932	12494	8,77315,45961	35,60846	11,22684,54039	20	
	50	8,77274,68245	35,45444	9,99923,61438	12504	8,77351,06807	35,57948	11,22648,93193	10	
24	0	8,77310,13689	35,42539	9,99923,48934	12514	8,77386,64755	35,55053	11,22613,35245	0	36
	10	8,77345,56228	35,39646	9,99923,36420	12525	8,77422,19808	35,52171	11,22577,80192	50	
	20	8,77380,95874	35,36750	9,99923,23895	12535	8,77457,71979	35,49285	11,22542,28021	40	
	30	8,77416,32624	35,33864	9,99923,11360	12545	8,77493,21264	35,46409	11,22506,78736	30	
	40	8,77451,66488	35,30980	9,99922,98815	12555	8,77528,67673	35,43535	11,22471,32327	20	
	50	8,77486,97468	35,28100	9,99922,86260	12565	8,77564,11208	35,40665	11,22435,88792	10	
25	0	8,77522,25568	35,25228	9,99922,73695	12576	8,77599,51873	35,37804	11,22400,48127	0	35
	10	8,77557,50796	35,22358	9,99922,61119	12586	8,77634,89677	35,34944	11,22365,10323	50	
	20	8,77592,73154	35,19494	9,99922,48533	12596	8,77670,24621	35,32090	11,22329,75379	40	
	30	8,77627,92648	35,16630	9,99922,35937	12606	8,77705,56711	35,29236	11,22294,43289	30	
	40	8,77663,09278	35,13780	9,99922,23331	12617	8,77740,85947	35,26397	11,22259,14053	20	
	50	8,77698,23058	35,10926	9,99922,10714	12627	8,77776,12344	35,23553	11,22223,87656	10	
26	0	8,77733,33984	35,08081	9,99921,98087	12637	8,77811,35897	35,20718	11,22188,64103	0	34
	10	8,77768,42065	35,05239	9,99921,85450	12647	8,77846,56615	35,17886	11,22153,43385	50	
	20	8,77803,47304	35,02401	9,99921,72803	12658	8,77881,74501	35,15059	11,22118,25499	40	
	30	8,77838,49705	34,99568	9,99921,60145	12668	8,77916,89560	35,12236	11,22083,10440	30	
	40	8,77873,49273	34,96743	9,99921,47477	12678	8,77952,01796	35,09421	11,22047,98204	20	
	50	8,77908,46016	34,93917	9,99921,34799	12688	8,77987,11217	35,06605	11,22012,88783	10	
27	0	8,77943,39933	34,91100	9,99921,22111	12699	8,78022,17822	35,03799	11,21977,82178	0	33
	10	8,77978,31033	34,88286	9,99921,09412	12709	8,78057,21621	35,00995	11,21942,78379	50	
	20	8,78013,19319	34,85475	9,99920,96703	12719	8,78092,22616	34,98194	11,21907,77384	40	
	30	8,78048,04794	34,82667	9,99920,83984	12729	8,78127,20810	34,95396	11,21872,79190	30	
	40	8,78082,87461	34,79871	9,99920,71255	12740	8,78162,16206	34,92611	11,21837,83794	20	
	50	8,78117,67332	34,77073	9,99920,58515	12750	8,78197,08817	34,89823	11,21802,91183	10	
28	0	8,78152,44405	34,74281	9,99920,45765	12760	8,78231,98640	34,87041	11,21768,01360	0	32
	10	8,78187,18686	34,71494	9,99920,33005	12770	8,78266,85681	34,84264	11,21733,14319	50	
	20	8,78221,90180	34,68711	9,99920,20235	12781	8,78301,69945	34,81492	11,21698,30055	40	
	30	8,78256,58891	34,65935	9,99920,07454	12791	8,78336,51437	34,78726	11,21663,48563	30	
	40	8,78291,24826	34,63156	9,99919,94663	12801	8,78371,30163	34,75957	11,21628,69837	20	
	50	8,78325,87982	34,60389	9,99919,81862	12811	8,78406,06120	34,73200	11,21593,93880	10	
29	0	8,78360,48371	34,57624	9,99919,69051	12821	8,78440,79320	34,70445	11,21559,20680	0	31
	10	8,78395,05995	34,54862	9,99919,56230	12832	8,78475,49765	34,67694	11,21524,50235	50	
	20	8,78429,60857	34,52105	9,99919,43398	12842	8,78510,17459	34,64947	11,21489,82541	40	
	30	8,78464,12962	34,49355	9,99919,30556	12852	8,78544,82406	34,62207	11,21455,17594	30	
	40	8,78498,62317	34,46607	9,99919,17704	12863	8,78579,44613	34,59470	11,21420,55387	20	
	50	8,78533,08924	34,43863	9,99919,04841	12873	8,78614,04083	34,56736	11,21385,95917	10	
30	0	8,78567,52787	34,41125	9,99918,91968	12883	8,78648,60819	34,54008	11,21351,39181	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
30	0	8,78567,52787	34,41125	9,99918,91968	12883	8,78648,60819	34,54008	11,21351,39181	0	30
	10	8,78601,93912	34,38388	9,99918,79085	12893	8,78683,14827	34,51281	11,21316,85173	50	
	20	8,78636,32300	34,35662	9,99918,66192	12904	8,78717,66108	34,48566	11,21282,33892	40	
	30	8,78670,67962	34,32933	9,99918,53288	12914	8,78752,14674	34,45847	11,21247,85326	30	
	40	8,78705,00895	34,30211	9,99918,40374	12924	8,78786,60521	34,43135	11,21213,39479	20	
	50	8,78739,31106	34,27496	9,99918,27450	12934	8,78821,03656	34,40430	11,21178,96344	10	
31	0	8,78773,58602	34,24780	9,99918,14516	12944	8,78855,44086	34,37724	11,21144,55914	0	29
	10	8,78807,83382	34,22073	9,99918,01572	12955	8,78889,81810	34,35028	11,21110,18190	50	
	20	8,78842,05455	34,19369	9,99917,88617	12965	8,78924,16838	34,32334	11,21075,83162	40	
	30	8,78876,24824	34,16668	9,99917,75652	12975	8,78958,49172	34,29643	11,21041,50828	30	
	40	8,78910,41492	34,13972	9,99917,62677	12985	8,78992,78815	34,26957	11,21007,21185	20	
	50	8,78944,55464	34,11279	9,99917,49692	12996	8,79027,05772	34,24275	11,20972,94228	10	
32	0	8,78978,66743	34,08593	9,99917,36696	13006	8,79061,30047	34,21599	11,20938,69953	0	28
	10	8,79012,75336	34,05909	9,99917,23690	13016	8,79095,51646	34,18925	11,20904,48354	50	
	20	8,79046,81245	34,03230	9,99917,10674	13027	8,79129,70571	34,16257	11,20870,29429	40	
	30	8,79080,84475	34,00557	9,99916,97647	13037	8,79163,86828	34,13594	11,20836,13172	30	
	40	8,79114,85032	33,97884	9,99916,84610	13047	8,79198,00422	34,10931	11,20801,99578	20	
	50	8,79148,82916	33,95215	9,99916,71563	13057	8,79232,11353	34,08272	11,20767,88647	10	
33	0	8,79182,78131	33,92556	9,99916,58506	13067	8,79266,19625	34,05623	11,20733,80375	0	27
	10	8,79216,70687	33,89899	9,99916,45439	13078	8,79300,25248	34,02977	11,20699,74752	50	
	20	8,79250,60586	33,87241	9,99916,32361	13088	8,79334,28225	34,00329	11,20665,71775	40	
	30	8,79284,47827	33,84593	9,99916,19273	13098	8,79368,28554	33,97691	11,20631,71446	30	
	40	8,79318,32420	33,81947	9,99916,06175	13108	8,79402,26245	33,95055	11,20597,73755	20	
	50	8,79352,14367	33,79305	9,99915,93067	13119	8,79436,21300	33,92424	11,20563,78700	10	
34	0	8,79385,93672	33,76669	9,99915,79948	13129	8,79470,13724	33,89798	11,20529,86276	0	26
	10	8,79419,70341	33,74030	9,99915,66819	13139	8,79504,03522	33,87169	11,20495,96478	50	
	20	8,79453,44371	33,71405	9,99915,53680	13150	8,79537,90691	33,84555	11,20462,09309	40	
	30	8,79487,15776	33,68781	9,99915,40530	13160	8,79571,75246	33,81941	11,20428,24754	30	
	40	8,79520,84557	33,66160	9,99915,27370	13170	8,79605,57187	33,79330	11,20394,42813	20	
	50	8,79554,50717	33,63540	9,99915,14200	13180	8,79639,36517	33,76720	11,20360,63483	10	
35	0	8,79588,14257	33,60927	9,99915,01020	13190	8,79673,13237	33,74117	11,20326,86763	0	25
	10	8,79621,75184	33,58316	9,99914,87830	13201	8,79706,87354	33,71517	11,20293,12646	50	
	20	8,79655,33500	33,55714	9,99914,74629	13211	8,79740,58871	33,68925	11,20259,41129	40	
	30	8,79688,89214	33,53111	9,99914,61418	13221	8,79774,27796	33,66332	11,20225,72204	30	
	40	8,79722,42325	33,50516	9,99914,48197	13231	8,79807,94128	33,63747	11,20192,05872	20	
	50	8,79755,92841	33,47921	9,99914,34966	13242	8,79841,57875	33,61163	11,20158,42125	10	
36	0	8,79789,40762	33,45334	9,99914,21724	13252	8,79875,19038	33,58586	11,20124,80962	0	24
	10	8,79822,86096	33,42747	9,99914,08472	13262	8,79908,77624	33,56009	11,20091,22376	50	
	20	8,79856,28843	33,40169	9,99913,95210	13273	8,79942,33633	33,53442	11,20057,66367	40	
	30	8,79889,69012	33,37590	9,99913,81937	13283	8,79975,87075	33,50873	11,20024,12925	30	
	40	8,79923,06602	33,35016	9,99913,68654	13293	8,80009,37948	33,48309	11,19990,62052	20	
	50	8,79956,41618	33,32446	9,99913,55361	13303	8,80042,86257	33,45749	11,19957,13743	10	
37	0	8,79989,74064	33,29883	9,99913,42058	13313	8,80076,32006	33,43196	11,19923,67994	0	23
	10	8,80023,03947	33,27320	9,99913,28745	13324	8,80109,75202	33,40644	11,19890,24798	50	
	20	8,80056,31267	33,24764	9,99913,15421	13334	8,80143,15846	33,38098	11,19856,84154	40	
	30	8,80089,56031	33,22209	9,99913,02087	13344	8,80176,53944	33,35553	11,19823,46056	30	
	40	8,80122,78240	33,19656	9,99912,88743	13354	8,80209,89497	33,33010	11,19790,10503	20	
	50	8,80155,97896	33,17116	9,99912,75389	13365	8,80243,22507	33,30481	11,19756,77493	10	
38	0	8,80189,15012	33,14573	9,99912,62024	13375	8,80276,52988	33,27948	11,19723,47012	0	22
	10	8,80222,29585	33,12034	9,99912,48649	13385	8,80309,80936	33,25419	11,19690,19064	50	
	20	8,80255,41619	33,09497	9,99912,35264	13395	8,80343,06355	33,22892	11,19656,93645	40	
	30	8,80288,51116	33,06970	9,99912,21869	13406	8,80376,29247	33,20376	11,19623,70753	30	
	40	8,80321,58086	33,04445	9,99912,08463	13416	8,80409,49623	33,17861	11,19590,50377	20	
	50	8,80354,62531	33,01920	9,99911,95047	13426	8,80442,67484	33,15346	11,19557,32516	10	
39	0	8,80387,64451	32,99400	9,99911,81621	13436	8,80475,82830	33,12836	11,19524,17170	0	21
	10	8,80420,63851	32,96891	9,99911,68185	13447	8,80508,95666	33,10338	11,19491,04334	50	
	20	8,80453,60742	32,94376	9,99911,54738	13457	8,80542,06004	33,07833	11,19457,93996	40	
	30	8,80486,55118	32,91868	9,99911,41281	13467	8,80575,13837	33,05335	11,19424,86163	30	
	40	8,80519,46986	32,89365	9,99911,27814	13477	8,80608,19172	33,02842	11,19391,80828	20	
	50	8,80552,36351	32,86865	9,99911,14337	13488	8,80641,22014	33,00353	11,19358,77986	10	
40	0	8,80585,23216	32,84369	9,99911,00849	13498	8,80674,22367	32,97867	11,19325,77633	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	8,80585,23216	32,84369	9,99911,00849	13498	8,80674,22367	32,97867	11,19325,77633	0	20
	10	8,80618,07585	32,81878	9,99910,87351	13508	8,80707,20234	32,95386	11,19292,79766	50	
	20	8,80650,89463	32,79390	9,99910,73843	13518	8,80740,15620	32,92908	11,19259,84380	40	
	30	8,80683,68853	32,76904	9,99910,60325	13529	8,80773,08528	32,90433	11,19226,91472	30	
	40	8,80716,45757	32,74424	9,99910,46796	13539	8,80805,98961	32,87963	11,19194,01039	20	
	50	8,80749,20181	32,71947	9,99910,33257	13549	8,80838,86924	32,85496	11,19161,13076	10	
41	0	8,80781,92128	32,69473	9,99910,19708	13560	8,80871,72420	32,83033	11,19128,27580	0	19
	10	8,80814,61601	32,67002	9,99910,06148	13570	8,80904,55453	32,80572	11,19095,44547	50	
	20	8,80847,28603	32,64540	9,99909,92578	13580	8,80937,36025	32,78120	11,19026,63975	40	
	30	8,80879,93143	32,62075	9,99909,78998	13590	8,80970,14145	32,75665	11,19029,85855	30	
	40	8,80912,55218	32,59616	9,99909,65408	13600	8,81002,89810	32,73216	11,18997,10190	20	
	50	8,80945,14834	32,57162	9,99909,51808	13611	8,81035,63026	32,70773	11,18964,36974	10	
42	0	8,80977,71996	32,54710	9,99909,38197	13621	8,81068,33799	32,68331	11,18931,66201	0	18
	10	8,81010,26706	32,52264	9,99909,24576	13631	8,81101,02130	32,65895	11,18898,97870	50	
	20	8,81042,78970	32,49818	9,99909,10945	13641	8,81133,68025	32,63459	11,18866,31975	40	
	30	8,81075,28788	32,47381	9,99908,97304	13652	8,81166,31484	32,61033	11,18833,68516	30	
	40	8,81107,76169	32,44941	9,99908,83652	13662	8,81198,92517	32,58603	11,18801,07483	20	
	50	8,81140,21110	32,42509	9,99908,69990	13672	8,81231,51120	32,56181	11,18768,48880	10	
43	0	8,81172,63619	32,40081	9,99908,56318	13682	8,81264,07301	32,53763	11,18735,92699	0	17
	10	8,81205,03700	32,37653	9,99908,42636	13693	8,81296,61064	32,51346	11,18703,38936	50	
	20	8,81237,41353	32,35233	9,99908,28943	13703	8,81329,12410	32,48936	11,18670,87590	40	
	30	8,81269,76586	32,32812	9,99908,15240	13713	8,81361,61346	32,46525	11,18638,38654	30	
	40	8,81302,09398	32,30401	9,99908,01527	13723	8,81394,07871	32,44124	11,18605,92129	20	
	50	8,81334,39799	32,27988	9,99907,87804	13734	8,81426,51995	32,41722	11,18573,48005	10	
44	0	8,81366,67787	32,25581	9,99907,74070	13744	8,81458,93717	32,39325	11,18541,06283	0	16
	10	8,81398,93368	32,23177	9,99907,60326	13754	8,81491,33042	32,36931	11,18508,66958	50	
	20	8,81431,16545	32,20773	9,99907,46572	13764	8,81523,69973	32,34537	11,18476,30027	40	
	30	8,81463,37318	32,18380	9,99907,32808	13775	8,81556,04510	32,32155	11,18443,95490	30	
	40	8,81495,55698	32,15983	9,99907,19033	13785	8,81588,36665	32,29768	11,18411,63335	20	
	50	8,81527,71681	32,13596	9,99907,05248	13795	8,81620,66433	32,27391	11,18379,33567	10	
45	0	8,81559,85277	32,11210	9,99906,91453	13806	8,81652,93824	32,25016	11,18347,06176	0	15
	10	8,81591,96487	32,08825	9,99906,77647	13816	8,81685,18840	32,22641	11,18314,81160	50	
	20	8,81624,05312	32,06446	9,99906,63831	13826	8,81717,41481	32,20272	11,18282,58519	40	
	30	8,81656,11758	32,04072	9,99906,50005	13836	8,81749,61753	32,17908	11,18250,38247	30	
	40	8,81688,15830	32,01699	9,99906,36169	13846	8,81781,79661	32,15545	11,18218,20339	20	
	50	8,81720,17529	31,99329	9,99906,22323	13857	8,81813,95206	32,13186	11,18186,04794	10	
46	0	8,81752,16858	31,96964	9,99906,08466	13867	8,81846,08392	32,10831	11,18153,91608	0	14
	10	8,81784,13822	31,94602	9,99905,94599	13877	8,81878,19223	32,08479	11,18121,80777	50	
	20	8,81816,08424	31,92243	9,99905,80722	13887	8,81910,27702	32,06130	11,18089,72298	40	
	30	8,81848,00667	31,89891	9,99905,66835	13898	8,81942,33832	32,03789	11,18057,66168	30	
	40	8,81879,90558	31,87537	9,99905,52937	13908	8,81974,37621	32,01445	11,18025,62379	20	
	50	8,81911,78095	31,85189	9,99905,39029	13918	8,82006,39066	31,99107	11,17993,60934	10	
47	0	8,81943,63284	31,82846	9,99905,25111	13928	8,82038,38173	31,96774	11,17961,61827	0	13
	10	8,81975,46130	31,80503	9,99905,11183	13939	8,82070,34947	31,94442	11,17929,65053	50	
	20	8,82007,26633	31,78168	9,99904,97244	13949	8,82102,29389	31,92117	11,17897,70611	40	
	30	8,82039,04801	31,75834	9,99904,83295	13959	8,82134,21506	31,89793	11,17865,78494	30	
	40	8,82070,80635	31,73500	9,99904,69336	13969	8,82166,11299	31,87469	11,17833,88701	20	
	50	8,82102,54135	31,71173	9,99904,55367	13980	8,82197,98768	31,85153	11,17802,01232	10	
48	0	8,82134,25308	31,68848	9,99904,41387	13990	8,82229,83921	31,82838	11,17770,16079	0	12
	10	8,82165,94156	31,66528	9,99904,27397	14000	8,82261,66759	31,80528	11,17738,33241	50	
	20	8,82197,60684	31,64212	9,99904,13397	14011	8,82293,47287	31,78223	11,17706,52713	40	
	30	8,82229,24896	31,61901	9,99903,99386	14021	8,82325,25510	31,75922	11,17674,74490	30	
	40	8,82260,86797	31,59586	9,99903,85365	14031	8,82357,01432	31,73617	11,17642,98568	20	
	50	8,82292,46383	31,57280	9,99903,71334	14041	8,82388,75049	31,71321	11,17611,24951	10	
49	0	8,82324,03663	31,54975	9,99903,57293	14051	8,82420,46370	31,69026	11,17579,53630	0	11
	10	8,82355,58638	31,52677	9,99903,43242	14062	8,82452,15396	31,66739	11,17547,84604	50	
	20	8,82387,11315	31,50379	9,99903,29180	14072	8,82483,82135	31,64451	11,17516,17865	40	
	30	8,82418,61694	31,48082	9,99903,15108	14082	8,82515,46586	31,62164	11,17484,53414	30	
	40	8,82450,09776	31,45795	9,99903,01026	14093	8,82547,08750	31,59888	11,17452,91250	20	
	50	8,82481,55571	31,43507	9,99902,86933	14103	8,82578,68638	31,57610	11,17421,31362	10	
50	0	8,82512,99078	31,41224	9,99902,72830	14113	8,82610,26248	31,55337	11,17389,73752	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	8,82512,99078	31,41224	9,99902,72830	14113	8,82610,26248	31,55337	11,17389,73752	0	10
	10	8,82544,40302	31,38943	9,99902,58717	14123	8,82641,81585	31,53066	11,17358,18415	50	
	20	8,82575,79245	31,36665	9,99902,44594	14134	8,82673,34651	31,50799	11,17326,65349	40	
	30	8,82607,15910	31,34390	9,99902,30460	14144	8,82704,85450	31,48534	11,17295,14550	30	
	40	8,82638,50300	31,32122	9,99902,16316	14154	8,82736,33984	31,46276	11,17263,66016	20	
	50	8,82669,82422	31,29853	9,99902,02162	14164	8,82767,80260	31,44017	11,17232,19740	10	
51	0	8,82701,12275	31,27588	9,99901,87998	14175	8,82799,24277	31,41763	11,17200,75723	0	9
	10	8,82732,39863	31,25329	9,99901,73823	14185	8,82830,66040	31,39514	11,17169,33960	50	
	20	8,82763,65192	31,23070	9,99901,59638	14195	8,82862,05554	31,37265	11,17137,94446	40	
	30	8,82794,88262	31,20813	9,99901,45443	14205	8,82893,42819	31,35018	11,17106,57181	30	
	40	8,82826,09075	31,18565	9,99901,31238	14215	8,82924,77837	31,32780	11,17075,22163	20	
	50	8,82857,27640	31,16317	9,99901,17023	14226	8,82956,10617	31,30543	11,17043,89383	10	
52	0	8,82888,43957	31,14073	9,99901,02797	14236	8,82987,41160	31,28309	11,17012,58840	0	8
	10	8,82919,58030	31,11831	9,99900,88561	14246	8,83018,69469	31,26077	11,16981,30531	50	
	20	8,82950,69861	31,09593	9,99900,74315	14257	8,83049,95546	31,23850	11,16950,04454	40	
	30	8,82981,79454	31,07356	9,99900,60058	14267	8,83081,19396	31,21623	11,16918,80604	30	
	40	8,83012,86810	31,05123	9,99900,45791	14277	8,83112,41019	31,19400	11,16887,58981	20	
	50	8,83043,91933	31,02896	9,99900,31514	14287	8,83143,60419	31,17183	11,16856,39581	10	
53	0	8,83074,94829	31,00672	9,99900,17227	14297	8,83174,77602	31,14969	11,16825,22398	0	7
	10	8,83105,95501	30,98447	9,99900,02930	14308	8,83205,92571	31,12755	11,16794,07429	50	
	20	8,83136,93948	30,96231	9,99899,88622	14318	8,83237,05326	31,10549	11,16762,94674	40	
	30	8,83167,90179	30,94015	9,99899,74304	14328	8,83268,15875	31,08343	11,16731,84125	30	
	40	8,83198,84194	30,91797	9,99899,59976	14339	8,83299,24218	31,06136	11,16700,75782	20	
	50	8,83229,75991	30,89592	9,99899,45637	14349	8,83330,30354	31,03941	11,16669,69646	10	
54	0	8,83260,65583	30,87387	9,99899,31288	14359	8,83361,34295	31,01746	11,16638,65705	0	6
	10	8,83291,52970	30,85177	9,99899,16929	14370	8,83392,36041	30,99547	11,16607,63959	50	
	20	8,83322,38147	30,82980	9,99899,02559	14380	8,83423,35588	30,97360	11,16576,64412	40	
	30	8,83353,21127	30,80787	9,99898,88179	14390	8,83454,32948	30,95177	11,16545,67052	30	
	40	8,83384,01914	30,78586	9,99898,73789	14400	8,83485,28125	30,92986	11,16514,71875	20	
	50	8,83414,80500	30,76398	9,99898,59389	14410	8,83516,21111	30,90808	11,16483,78889	10	
55	0	8,83445,56898	30,74209	9,99898,44979	14421	8,83547,11919	30,88630	11,16452,88081	0	5
	10	8,83476,31107	30,72026	9,99898,30558	14431	8,83578,00549	30,86457	11,16421,99451	50	
	20	8,83507,03133	30,69845	9,99898,16127	14441	8,83608,87006	30,84286	11,16391,12994	40	
	30	8,83537,72978	30,67664	9,99898,01686	14451	8,83639,71292	30,82115	11,16360,28708	30	
	40	8,83568,40642	30,65492	9,99897,87235	14462	8,83670,53407	30,79954	11,16329,46593	20	
	50	8,83599,06134	30,63314	9,99897,72773	14472	8,83701,33361	30,77786	11,16298,66639	10	
56	0	8,83629,69448	30,61150	9,99897,58301	14482	8,83732,11147	30,75632	11,16267,88853	0	4
	10	8,83660,30598	30,58980	9,99897,43819	14493	8,83762,86779	30,73473	11,16237,13221	50	
	20	8,83690,89578	30,56819	9,99897,29326	14503	8,83793,60252	30,71322	11,16206,39748	40	
	30	8,83721,46397	30,54661	9,99897,14823	14513	8,83824,31574	30,69174	11,16175,68426	30	
	40	8,83752,01058	30,52496	9,99897,00310	14523	8,83855,00748	30,67019	11,16144,99252	20	
	50	8,83782,53554	30,50346	9,99896,85787	14533	8,83885,67767	30,64879	11,16114,32233	10	
57	0	8,83813,03900	30,48196	9,99896,71254	14544	8,83916,32646	30,62740	11,16083,67354	0	3
	10	8,83843,52096	30,46046	9,99896,56710	14554	8,83946,95386	30,60600	11,16053,04614	50	
	20	8,83873,98142	30,43903	9,99896,42156	14564	8,83977,55986	30,58467	11,16022,44014	40	
	30	8,83904,42045	30,41760	9,99896,27592	14574	8,84008,14453	30,56334	11,15991,85547	30	
	40	8,83934,83805	30,39618	9,99896,13018	14585	8,84038,70787	30,54203	11,15961,29213	20	
	50	8,83965,23423	30,37487	9,99895,98433	14595	8,84069,24990	30,52082	11,15930,75010	10	
58	0	8,83995,60910	30,35352	9,99895,83838	14605	8,84099,77072	30,49957	11,15900,22928	0	2
	10	8,84025,96262	30,33218	9,99895,69233	14615	8,84130,27029	30,47833	11,15869,72971	50	
	20	8,84056,29480	30,31095	9,99895,54618	14626	8,84160,74862	30,45721	11,15839,25138	40	
	30	8,84086,60575	30,28970	9,99895,39992	14636	8,84191,20583	30,43606	11,15808,79417	30	
	40	8,84116,89545	30,26846	9,99895,25356	14646	8,84221,64189	30,41492	11,15778,35811	20	
	50	8,84147,16391	30,24733	9,99895,10710	14657	8,84252,05681	30,39390	11,15747,94319	10	
59	0	8,84177,41124	30,22614	9,99894,96053	14667	8,84282,45071	30,37281	11,15717,54929	0	1
	10	8,84207,63738	30,20502	9,99894,81386	14677	8,84312,82352	30,35179	11,15687,17648	50	
	20	8,84237,84240	30,18395	9,99894,66709	14687	8,84343,17531	30,33082	11,15656,82469	40	
	30	8,84268,02635	30,16284	9,99894,52022	14698	8,84373,50613	30,30982	11,15626,49387	30	
	40	8,84298,18919	30,14185	9,99894,37324	14708	8,84403,81595	30,28893	11,15596,18405	20	
	50	8,84328,33104	30,12080	9,99894,22616	14718	8,84434,10488	30,26798	11,15565,89512	10	
60	0	8,84358,45184	30,09983	9,99894,07898	14728	8,84464,37286	30,24711	11,15535,62714	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	8,84358,45184	30,09983	9,99894,07898	14728	8,84464,37286	30,24711	11,15535,62714	0	60
	10	8,84388,55167	30,07889	9,99893,93170	14739	8,84494,61997	30,22628	11,15505,38003	50	
	20	8,84418,63056	30,05799	9,99893,78431	14749	8,84524,84625	30,20548	11,15475,15375	40	
	30	8,84448,68855	30,03708	9,99893 63682	14759	8,84555,05173	30,18467	11,15444,94827	30	
	40	8,84478,72563	30,01621	9,99893,48923	14769	8,84585,23640	30,16390	11,15414,76360	20	
	50	8,84508,74184	29,99539	9,99893,34154	14780	8,84615,40030	30,14319	11,15384,59970	10	
1	0	8,84538,73723	29,97458	9,99893,19374	14790	8,84645,54349	30,12248	11,15354,45651	0	59
	10	8,84568,71181	29,95382	9,99893,04584	14800	8,84675,66597	30,10182	11,15324,33403	50	
	20	8,84598,66563	29,93304	9,99892,89784	14810	8,84705,76779	30,08114	11,15294,23221	40	
	30	8,84628,59867	29,91234	9,99892,74974	14821	8,84735,84893	30,06055	11,15264,15107	30	
	40	8,84658,51101	29,89165	9,99892,60153	14831	8,84765,90948	30,03996	11,15234,09052	20	
	50	8,84688,40266	29,87100	9,99892,45322	14841	8,84795,94944	30,01941	11,15204,05056	10	
2	0	8,84718,27366	29,85034	9,99892,30481	14851	8,84825,96885	29,99885	11,15174,03115	0	58
	10	8,84748,12400	29,82974	9,99892,15630	14862	8,84855,96770	29,97836	11,15144,03230	50	
	20	8,84777,95374	29,80918	9,99892,00768	14872	8,84885,94606	29,95790	11,15114,05394	40	
	30	8,84807,76292	29,78863	9,99891,85896	14882	8,84915,90396	29,93745	11,15084,09604	30	
	40	8,84837,55155	29,76811	9,99891,71014	14893	8,84945,84141	29,91704	11,15054,15859	20	
	50	8,84867,31966	29,74762	9,99891,56121	14903	8,84975,75845	29,89665	11,15024,24155	10	
3	0	8,84897,06728	29,72716	9,99891,41218	14913	8,85005,65510	29,87629	11,14994,34490	0	57
	10	8,84926,79444	29,70670	9,99891,26305	14923	8,85035,53139	29,85593	11,14964,46861	50	
	20	8,84956,50114	29,68630	9,99891,11382	14934	8,85065,38732	29,83564	11,14934,61268	40	
	30	8,84986,18744	29,66592	9,99890,96448	14944	8,85095,22296	29,81536	11,14904,77704	30	
	40	8,85015,85336	29,64558	9,99890,81504	14954	8,85125,03832	29,79512	11,14874,96168	20	
	50	8,85045,49894	29,62523	9,99890,66550	14964	8,85154,83344	29,77487	11,14845,16656	10	
4	0	8,85075,12417	29,60493	9,99890,51586	14974	8,85184,60831	29,75467	11,14815,39169	0	56
	10	8,85104,72910	29,58470	9,99890,36612	14985	8,85214,36298	29,73455	11,14785,63702	50	
	20	8,85134,31380	29,56443	9,99890,21627	14995	8,85244,09753	29,71438	11,14755,90247	40	
	30	8,85163,87823	29,54422	9,99890,06632	15005	8,85273,81191	29,69427	11,14726,18809	30	
	40	8,85193,42245	29,52405	9,99889,91627	15016	8,85303,50618	29,67421	11,14696,49382	20	
	50	8,85222,94650	29,50389	9,99889,76611	15026	8,85333,18039	29,65415	11,14666,81961	10	
5	0	8,85252,45039	29,48372	9,99889,61585	15036	8,85362,83454	29,63408	11,14637,16546	0	55
	10	8,85281,93411	29,46364	9,99889,46549	15046	8,85392,46862	29,61410	11,14607,53138	50	
	20	8,85311,39775	29,44357	9,99889,31503	15057	8,85422,08272	29,59414	11,14577,91728	40	
	30	8,85340,84132	29,42352	9,99889,16446	15067	8,85451,67686	29,57419	11,14548,32314	30	
	40	8,85370,26484	29,40349	9,99889,01379	15077	8,85481,25105	29,55426	11,14518,74895	20	
	50	8,85399,66833	29,38348	9,99888,86302	15087	8,85510,80531	29,53435	11,14489,19469	10	
6	0	8,85429,05181	29,36354	9,99888,71215	15098	8,85540,33966	29,51452	11,14459,66034	0	54
	10	8,85458,41535	29,34360	9,99888,56117	15108	8,85569,85418	29,49468	11,14430,14582	50	
	20	8,85487,75895	29,32365	9,99888,41009	15118	8,85599,34886	29,47483	11,14400,65114	40	
	30	8,85517,08260	29,30377	9,99888,25891	15128	8,85628,82369	29,45505	11,14371,17631	30	
	40	8,85546,38637	29,28394	9,99888,10763	15139	8,85658,27874	29,43533	11,14341,72126	20	
	50	8,85575,67031	29,26407	9,99887,95624	15149	8,85687,71407	29,41556	11,14312,28593	10	
7	0	8,85604,93438	29,24428	9,99887,80475	15159	8,85717,12963	29,39587	11,14282,87037	0	53
	10	8,85634,17866	29,22449	9,99887,65316	15170	8,85746,52550	29,37619	11,14253,47450	50	
	20	8,85663,40315	29,20474	9,99887,50146	15180	8,85775,90169	29,35654	11,14224,09831	40	
	30	8,85692,60789	29,18503	9,99887,34966	15190	8,85805,25823	29,33693	11,14194,74177	30	
	40	8,85721,79292	29,16531	9,99887,19776	15200	8,85834,59516	29,31731	11,14165,40484	20	
	50	8,85750,95823	29,14564	9,99887,04576	15211	8,85863,91247	29,29775	11,14136,08753	10	
8	0	8,85780,10387	29,12596	9,99886,89365	15221	8,85893,21022	29,27817	11,14106,78978	0	52
	10	8,85809,22983	29,10637	9,99886,74144	15231	8,85922,48839	29,25868	11,14077,51161	50	
	20	8,85838,33620	29,08679	9,99886,58913	15241	8,85951,74707	29,23920	11,14048,25293	40	
	30	8,85867,42299	29,06720	9,99886,43672	15252	8,85980,98627	29,21972	11,14019,01373	30	
	40	8,85896,49019	29,04768	9,99886,28420	15262	8,86010,20599	29,20030	11,13989,79401	20	
	50	8,85925,53787	29,02812	9,99886,13158	15272	8,86039,40629	29,18084	11,13960,59371	10	
9	0	8,85954,56599	29,00865	9,99885,97886	15282	8,86068,58713	29,16147	11,13931,41287	0	51
	10	8,85983,57464	28,98917	9,99885,82604	15293	8,86097,74860	29,14210	11,13902,25140	50	
	20	8,86012,56381	28,96976	9,99885,67311	15303	8,86126,89070	29,12279	11,13873,10930	40	
	30	8,86041,53357	28,95031	9,99885,52008	15313	8,86156,01349	29,10344	11,13843,98651	30	
	40	8,86070,48388	28,93095	9,99885,36695	15323	8,86185,11693	29,08418	11,13814,88307	20	
	50	8,86099,41483	28,91158	9,99885,21372	15334	8,86214,20111	29,06492	11,13785,79889	10	
10	0	8,86128,32641	28,89226	9,99885,06038	15344	8,86243,26603	29,04570	11,13756,73397	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	8,86128,32641	28,89226	9,99885,06038	15344	8,86243,26603	29,04570	11,13756,73397	0	50
	10	8,86157,21867	28,87292	9,99884,90694	15354	8,86272,31173	29,02646	11,13727,68827	50	
	20	8,86186,09159	28,85364	9,99884,75340	15364	8,86301,33819	29,00728	11,13698,66181	40	
	30	8,86214,94523	28,83440	9,99884,59976	15375	8,86330,34547	28,98815	11,13669,65453	30	
	40	8,86243,77963	28,81515	9,99884,44601	15385	8,86359,33362	28,96900	11,13640,66638	20	
	50	8,86272,59478	28,79597	9,99884,29216	15395	8,86388,30262	28,94992	11,13611,69738	10	
11	0	8,86301,39075	28,77677	9,99884,13821	15405	8,86417,25254	28,93082	11,13582,74746	0	49
	10	8,86330,16752	28,75759	9,99883,98416	15416	8,86446,18336	28,91175	11,13553,81664	50	
	20	8,86358,92511	28,73847	9,99883,83000	15426	8,86475,09511	28,89273	11,13524,90489	40	
	30	8,86387,66358	28,71938	9,99883,67574	15436	8,86503,98784	28,87374	11,13496,01216	30	
	40	8,86416,38296	28,70028	9,99883,52138	15447	8,86532,86158	28,85475	11,13467,13842	20	
	50	8,86445,08324	28,68124	9,99883,36691	15457	8,86561,71633	28,83581	11,13438,28367	10	
12	0	8,86473,76448	28,66222	9,99883,21234	15468	8,86590,55214	28,81690	11,13409,44786	0	48
	10	8,86502,42670	28,64319	9,99883,05766	15477	8,86619,36904	28,79796	11,13380,63096	50	
	20	8,86531,06989	28,62422	9,99882,90289	15488	8,86648,16700	28,77910	11,13351,83300	40	
	30	8,86559,69411	28,60526	9,99882,74801	15498	8,86676,94610	28,76024	11,13323,05390	30	
	40	8,86588,29937	28,58631	9,99882,59303	15508	8,86705,70634	28,74139	11,13294,29366	20	
	50	8,86616,88568	28,56743	9,99882,43795	15518	8,86734,44773	28,72261	11,13265,55227	10	
13	0	8,86645,45311	28,54855	9,99882,28277	15529	8,86763,17034	28,70384	11,13236,82966	0	47
	10	8,86674,00166	28,52969	9,99882,12748	15539	8,86791,87418	28,68508	11,13208,12582	50	
	20	8,86702,53135	28,51085	9,99881,97209	15549	8,86820,55926	28,66634	11,13179,44074	40	
	30	8,86731,04220	28,49206	9,99881,81660	15559	8,86849,22560	28,64765	11,13150,77440	30	
	40	8,86759,53426	28,47325	9,99881,66101	15570	8,86877,87325	28,62895	11,13122,12675	20	
	50	8,86788,00751	28,45451	9,99881,50531	15580	8,86906,50220	28,61031	11,13093,49780	10	
14	0	8,86816,46202	28,43578	9,99881,34951	15590	8,86935,11251	28,59168	11,13064,88749	0	46
	10	8,86844,89780	28,41707	9,99881,19361	15600	8,86963,70419	28,57307	11,13036,29581	50	
	20	8,86873,31487	28,39838	9,99881,03761	15611	8,86992,27726	28,55449	11,13007,72274	40	
	30	8,86901,71325	28,37972	9,99880,88150	15621	8,87020,83175	28,53593	11,12979,16825	30	
	40	8,86930,09297	28,36108	9,99880,72529	15631	8,87049,36768	28,51739	11,12950,63232	20	
	50	8,86958,45405	28,34250	9,99880,56898	15642	8,87077,88507	28,49892	11,12922,11493	10	
15	0	8,86986,79655	28,32388	9,99880,41256	15652	8,87106,38399	28,48040	11,12893,61601	0	45
	10	8,87015,12043	28,30534	9,99880,25604	15662	8,87134,86439	28,46196	11,12865,13561	50	
	20	8,87043,42577	28,28679	9,99880,09942	15672	8,87163,32635	28,44351	11,12836,67365	40	
	30	8,87071,71256	28,26827	9,99879,94270	15683	8,87191,76986	28,42510	11,12808,23014	30	
	40	8,87099,98083	28,24980	9,99879,78587	15693	8,87220,19496	28,40673	11,12779,80504	20	
	50	8,87128,23063	28,23131	9,99879,62894	15703	8,87248,60169	28,38834	11,12751,39831	10	
16	0	8,87156,46194	28,21287	9,99879,47191	15713	8,87276,99003	28,37000	11,12723,00997	0	44
	10	8,87184,67481	28,19448	9,99879,31478	15724	8,87305,36003	28,35172	11,12694,63997	50	
	20	8,87212,86929	28,17606	9,99879,15754	15734	8,87333,71175	28,33340	11,12666,28825	40	
	30	8,87241,04535	28,15768	9,99879,00020	15744	8,87362,04515	28,31512	11,12637,95485	30	
	40	8,87269,20303	28,13939	9,99878,84276	15755	8,87390,36027	28,29694	11,12609,63973	20	
	50	8,87297,34242	28,12102	9,99878,68521	15765	8,87418,65721	28,27867	11,12581,34279	10	
17	0	8,87325,46344	28,10271	9,99878,52756	15775	8,87446,93588	28,26046	11,12553,06412	0	43
	10	8,87353,56615	28,08447	9,99878,36981	15785	8,87475,19634	28,24232	11,12524,80366	50	
	20	8,87381,65062	28,06622	9,99878,21196	15796	8,87503,43866	28,22418	11,12496,56134	40	
	30	8,87409,71684	28,04796	9,99878,05400	15806	8,87531,66284	28,20602	11,12468,33716	30	
	40	8,87437,76480	28,02977	9,99877,89594	15816	8,87559,86886	28,18793	11,12440,13114	20	
	50	8,87465,79457	28,01159	9,99877,73778	15826	8,87588,05679	28,16985	11,12411,94321	10	
18	0	8,87493,80616	27,99345	9,99877,57952	15837	8,87616,22664	28,15182	11,12383,77336	0	42
	10	8,87521,79961	27,97530	9,99877,42115	15847	8,87644,37846	28,13377	11,12355,62154	50	
	20	8,87549,77491	27,95716	9,99877,26268	15857	8,87672,51223	28,11573	11,12327,48777	40	
	30	8,87577,73207	27,93909	9,99877,10411	15867	8,87700,62796	28,09776	11,12299,37204	30	
	40	8,87605,67116	27,92105	9,99876,94544	15878	8,87728,72572	28,07983	11,12271,27428	20	
	50	8,87633,59221	27,90299	9,99876,78666	15888	8,87756,80555	28,06187	11,12243,19445	10	
19	0	8,87661,49520	27,88497	9,99876,62778	15898	8,87784,86742	28,04395	11,12215,13258	0	41
	10	8,87689,38017	27,86699	9,99876,46880	15908	8,87812,91137	28,02607	11,12187,08863	50	
	20	8,87717,24716	27,84900	9,99876,30972	15919	8,87840,93744	28,00819	11,12159,06256	40	
	30	8,87745,09616	27,83108	9,99876,15053	15929	8,87868,94563	27,99037	11,12131,05437	30	
	40	8,87772,92724	27,81311	9,99875,99124	15939	8,87896,93600	27,97250	11,12103,06400	20	
	50	8,87800,74035	27,79524	9,99875,83185	15950	8,87924,90850	27,95474	11,12075,09150	10	
20	0	8,87828,53559		9,99875,67235		8,87952,86324		11,12047,13676	0	40
		Sin. Compl.	27,77736	SINVVM	15960	Tang.compl	27,93696	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	8,87828,53559	27,77736	9,99875,67235	15960	8,87952,86324	27,93696	11,12047,13676	0	40
	10	8,87856,31295	27,75950	9,99875,51275	15970	8,87980,80020	27,91920	11,12019,19980	50	
	20	8,87884,07245	27,74164	9,99875,35305	15980	8,88008,71940	27,90144	11,11991,28060	40	
	30	8,87911,81409	27,72388	9,99875,19325	15991	8,88036,62084	27,88379	11,11963,37916	30	
	40	8,87939,53797	27,70605	9,99875,03334	16001	8,88064,50463	27,86606	11,11935,49537	20	
	50	8,87967,24402	27,68830	9,99874,87333	16011	8,88092,37069	27,84841	11,11907,62931	10	
21	0	8,87994,93232	27,67054	9,99874,71322	16021	8,88120,21910	27,83075	11,11879,78090	0	39
	10	8,88022,60286	27,65285	9,99874,55301	16032	8,88148,04985	27,81317	11,11851,95015	50	
	20	8,88050,25571	27,63512	9,99874,39269	16042	8,88175,86302	27,79554	11,11824,13698	40	
	30	8,88077,89083	27,61746	9,99874,23227	16052	8,88203,65856	27,77798	11,11796,34144	30	
	40	8,88105,50829	27,59980	9,99874,07175	16062	8,88231,43654	27,76042	11,11768,56346	20	
	50	8,88133,10809	27,58217	9,99873,91113	16073	8,88259,19696	27,74290	11,11740,80304	10	
22	0	8,88160,69026	27,56458	9,99873,75040	16083	8,88286,93986	27,72541	11,11713,06014	0	38
	10	8,88188,25484	27,54696	9,99873,58957	16093	8,88314,66527	27,70789	11,11685,33473	50	
	20	8,88215,80180	27,52942	9,99873,42864	16104	8,88342,37316	27,69046	11,11657,62684	40	
	30	8,88243,33122	27,51188	9,99873,26760	16114	8,88370,06362	27,67302	11,11629,93638	30	
	40	8,88270,84310	27,49436	9,99873,10646	16124	8,88397,73664	27,65560	11,11602,26336	20	
	50	8,88298,33746	27,47685	9,99872,94522	16134	8,88425,39224	27,63819	11,11574,60776	10	
23	0	8,88325,81431	27,45938	9,99872,78388	16145	8,88453,03043	27,62083	11,11546,96957	0	37
	10	8,88353,27369	27,44193	9,99872,62243	16155	8,88480,65126	27,60348	11,11519,34874	50	
	20	8,88380,71562	27,42450	9,99872,46088	16165	8,88508,25474	27,58615	11,11491,74526	40	
	30	8,88408,14012	27,40708	9,99872,29923	16175	8,88535,84089	27,56883	11,11464,15911	30	
	40	8,88435,54720	27,38971	9,99872,13748	16186	8,88563,40972	27,55157	11,11436,59028	20	
	50	8,88462,93691	27,37234	9,99871,97562	16196	8,88590,96129	27,53430	11,11409,03871	10	
24	0	8,88490,30925	27,35500	9,99871,81366	16206	8,88618,49559	27,51706	11,11381,50441	0	36
	10	8,88517,66425	27,33767	9,99871,65160	16216	8,88646,01265	27,49983	11,11353,98735	50	
	20	8,88545,00192	27,32037	9,99871,48944	16227	8,88673,51248	27,48264	11,11326,48752	40	
	30	8,88572,32229	27,30310	9,99871,32717	16237	8,88700,99512	27,46547	11,11299,00488	30	
	40	8,88599,62539	27,28583	9,99871,16480	16247	8,88728,46059	27,44830	11,11271,53941	20	
	50	8,88626,91122	27,26861	9,99871,00233	16258	8,88755,90889	27,43119	11,11244,09111	10	
25	0	8,88654,17983	27,25139	9,99870,83975	16268	8,88783,34008	27,41407	11,11216,65992	0	35
	10	8,88681,43122	27,23420	9,99870,67707	16278	8,88810,75415	27,39698	11,11189,24585	50	
	20	8,88708,66542	27,21704	9,99870,51429	16288	8,88838,15113	27,37992	11,11161,84887	40	
	30	8,88735,88246	27,19990	9,99870,35141	16299	8,88865,53105	27,36289	11,11134,46895	30	
	40	8,88763,08236	27,18276	9,99870,18842	16309	8,88892,89394	27,34585	11,11107,10606	20	
	50	8,88790,26512	27,16564	9,99870,02533	16319	8,88920,23979	27,32883	11,11079,76021	10	
26	0	8,88817,43076	27,14855	9,99869,86214	16329	8,88947,56862	27,31184	11,11052,43138	0	34
	10	8,88844,57931	27,13152	9,99869,69885	16340	8,88974,88046	27,29492	11,11025,11954	50	
	20	8,88871,71083	27,11446	9,99869,53545	16350	8,89002,17538	27,27796	11,10997,82462	40	
	30	8,88898,82529	27,09745	9,99869,37195	16360	8,89029,45334	27,26105	11,10970,54666	30	
	40	8,88925,92274	27,08045	9,99869,20835	16371	8,89056,71439	27,24416	11,10943,28561	20	
	50	8,88953,00319	27,06346	9,99869,04464	16381	8,89083,95855	27,22727	11,10916,04145	10	
27	0	8,88980,06665	27,04649	9,99868,88083	16391	8,89111,18582	27,21040	11,10888,81418	0	33
	10	8,89007,11314	27,02957	9,99868,71692	16401	8,89138,39622	27,19358	11,10861,60378	50	
	20	8,89034,14271	27,01269	9,99868,55291	16412	8,89165,58980	27,17681	11,10834,41020	40	
	30	8,89061,15540	26,99578	9,99868,38879	16422	8,89192,76661	27,16000	11,10807,23339	30	
	40	8,89088,15118	26,97887	9,99868,22457	16432	8,89219,92661	27,14319	11,10780,07339	20	
	50	8,89115,13005	26,96205	9,99868,06025	16442	8,89247,06980	27,12647	11,10752,93020	10	
28	0	8,89142,09210	26,94522	9,99867,89583	16453	8,89274,19627	27,10975	11,10725,80373	0	32
	10	8,89169,03732	26,92839	9,99867,73130	16463	8,89301,30602	27,09302	11,10698,69398	50	
	20	8,89195,96571	26,91163	9,99867,56667	16473	8,89328,39904	27,07636	11,10671,60096	40	
	30	8,89222,87734	26,89485	9,99867,40194	16483	8,89355,47540	27,05968	11,10644,52460	30	
	40	8,89249,77219	26,87811	9,99867,23711	16494	8,89382,53508	27,04305	11,10617,46492	20	
	50	8,89276,65030	26,86137	9,99867,07217	16504	8,89409,57813	27,02641	11,10590,42187	10	
29	0	8,89303,51167	26,84466	9,99866,90713	16514	8,89436,60454	27,00980	11,10563,39546	0	31
	10	8,89330,35633	26,82799	9,99866,74199	16525	8,89463,61434	26,99324	11,10536,38566	50	
	20	8,89357,18432	26,81133	9,99866,57674	16535	8,89490,60758	26,97668	11,10509,39242	40	
	30	8,89383,99565	26,79468	9,99866,41139	16545	8,89517,58426	26,96013	11,10482,41574	30	
	40	8,89410,79033	26,77804	9,99866,24594	16555	8,89544,54439	26,94359	11,10455,45561	20	
	50	8,89437,56837	26,76146	9,99866,08039	16566	8,89571,48798	26,92712	11,10428,51202	10	
30	0	8,89464,32983	26,74487	9,99865,91473	16576	8,89598,41510	26,91063	11,10401,58490	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	8,89464,32983	26,74487	9,99865,91473	16576	8,89598,41510	26,91063	11,10401,58490	0	30
	10	8,89491,07470	26,72831	9,99865,74897	16586	8,89625,32573	26,89417	11,10374,67427	50	
	20	8,89517,80301	26,71177	9,99865,58311	16597	8,89652,21990	26,87774	11,10347,78010	40	
	30	8,89544,51478	26,69524	9,99865,41714	16607	8,89679,09764	26,86131	11,10320,90236	30	
	40	8,89571,21002	26,67874	9,99865,25107	16617	8,89705,95895	26,84491	11,10294,04105	20	
	50	8,89597,88876	26,66225	9,99865,08490	16627	8,89732,80386	26,82852	11,10267,19614	10	
31	0	8,89624,55101	26,64581	9,99864,91863	16637	8,89759,63238	26,81218	11,10240,36762	0	29
	10	8,89651,19682	26,62937	9,99864,75226	16648	8,89786,44456	26,79585	11,10213,55544	50	
	20	8,89677,82619	26,61293	9,99864,58578	16658	8,89813,24041	26,77951	11,10186,75959	40	
	30	8,89704,43912	26,59654	9,99864,41920	16668	8,89840,01992	26,76322	11,10159,98008	30	
	40	8,89731,03566	26,58017	9,99864,25252	16679	8,89866,78314	26,74696	11,10133,21686	20	
	50	8,89757,61583	26,56380	9,99864,08573	16689	8,89893,53010	26,73069	11,10106,46990	10	
32	0	8,89784,17963	26,54745	9,99863,91884	16699	8,89920,26079	26,71444	11,10079,73921	0	28
	10	8,89810,72708	26,53113	9,99863,75185	16710	8,89946,97523	26,69823	11,10053,02477	50	
	20	8,89837,25821	26,51486	9,99863,58475	16720	8,89973,67346	26,68206	11,10026,32654	40	
	30	8,89863,77307	26,49857	9,99863,41755	16730	8,90000,35552	26,66587	11,09999,64448	30	
	40	8,89890,27164	26,48230	9,99863,25025	16740	8,90027,02139	26,64970	11,09972,97861	20	
	50	8,89916,75394	26,46606	9,99863,08285	16751	8,90053,67109	26,63357	11,09946,32891	10	
33	0	8,89943,22000	26,44983	9,99862,91534	16761	8,90080,30466	26,61744	11,09919,69534	0	27
	10	8,89969,66983	26,43365	9,99862,74773	16771	8,90106,92210	26,60136	11,09893,07790	50	
	20	8,89996,10348	26,41745	9,99862,58002	16781	8,90133,52346	26,58526	11,09866,47654	40	
	30	8,90022,52093	26,40130	9,99862,41221	16792	8,90160,10872	26,56922	11,09839,89128	30	
	40	8,90048,92223	26,38515	9,99862,24429	16802	8,90186,67794	26,55317	11,09813,32206	20	
	50	8,90075,30738	26,36903	9,99862,07627	16812	8,90213,23111	26,53715	11,09786,76889	10	
34	0	8,90101,67641	26,35293	9,99861,90815	16822	8,90239,76826	26,52115	11,09760,23174	0	26
	10	8,90128,02934	26,33684	9,99861,73993	16833	8,90266,28941	26,50517	11,09733,71059	50	
	20	8,90154,36618	26,32079	9,99861,57160	16843	8,90292,79458	26,48922	11,09707,20542	40	
	30	8,90180,68697	26,30473	9,99861,40317	16853	8,90319,28380	26,47326	11,09680,71620	30	
	40	8,90206,99170	26,28873	9,99861,23464	16864	8,90345,75706	26,45737	11,09654,24294	20	
	50	8,90233,28043	26,27269	9,99861,06600	16874	8,90372,21443	26,44143	11,09627,78557	10	
35	0	8,90259,55312	26,25674	9,99860,89726	16884	8,90398,65586	26,42558	11,09601,34414	0	25
	10	8,90285,80986	26,24074	9,99860,72842	16894	8,90425,08144	26,40968	11,09574,91856	50	
	20	8,90312,05060	26,22479	9,99860,55948	16905	8,90451,49112	26,39384	11,09548,50888	40	
	30	8,90338,27539	26,20890	9,99860,39043	16915	8,90477,88496	26,37805	11,09522,11504	30	
	40	8,90364,48429	26,19296	9,99860,22128	16925	8,90504,26301	26,36221	11,09495,73699	20	
	50	8,90390,67725	26,17708	9,99860,05203	16935	8,90530,62522	26,34643	11,09469,37478	10	
36	0	8,90416,85433	26,16121	9,99859,88268	16946	8,90556,97165	26,33067	11,09443,02835	0	24
	10	8,90443,01554	26,14535	9,99859,71322	16956	8,90583,30232	26,31491	11,09416,69768	50	
	20	8,90469,16089	26,12953	9,99859,54366	16966	8,90609,61723	26,29919	11,09390,38277	40	
	30	8,90495,29042	26,11372	9,99859,37400	16977	8,90635,91642	26,28349	11,09364,08358	30	
	40	8,90521,40414	26,09791	9,99859,20423	16987	8,90662,19991	26,26778	11,09337,80009	20	
	50	8,90547,50205	26,08213	9,99859,03436	16997	8,90688,46769	26,25210	11,09311,53231	10	
37	0	8,90573,58418	26,06639	9,99858,86439	17007	8,90714,71979	26,23646	11,09285,28021	0	23
	10	8,90599,65057	26,05065	9,99858,69432	17018	8,90740,95625	26,22083	11,09259,04375	50	
	20	8,90625,70122	26,03493	9,99858,52414	17028	8,90767,17708	26,20521	11,09232,82292	40	
	30	8,90651,73615	26,01922	9,99858,35386	17038	8,90793,38229	26,18960	11,09206,61771	30	
	40	8,90677,75537	26,00354	9,99858,18348	17048	8,90819,57189	26,17402	11,09180,42811	20	
	50	8,90703,75891	25,98788	9,99858,01300	17059	8,90845,74591	26,15847	11,09154,25409	10	
38	0	8,90729,74679	25,97224	9,99857,84241	17070	8,90871,90438	26,14294	11,09128,09562	0	22
	10	8,90755,71903	25,95662	9,99857,67171	17079	8,90898,04732	26,12741	11,09101,95268	50	
	20	8,90781,67565	25,94101	9,99857,50092	17090	8,90924,17473	26,11191	11,09075,82527	40	
	30	8,90807,61666	25,92543	9,99857,33002	17100	8,90950,28664	26,09643	11,09049,71336	30	
	40	8,90833,54209	25,90984	9,99857,15902	17110	8,90976,38307	26,08094	11,09023,61693	20	
	50	8,90859,45193	25,89431	9,99856,98792	17120	8,91002,46401	26,06551	11,08997,53599	10	
39	0	8,90885,34624	25,87879	9,99856,81672	17131	8,91028,52952	26,05010	11,08971,47048	0	21
	10	8,90911,22503	25,86325	9,99856,64541	17141	8,91054,57962	26,03466	11,08945,42038	50	
	20	8,90937,08828	25,84775	9,99856,47400	17151	8,91080,61428	26,01926	11,08919,38572	40	
	30	8,90962,93603	25,83227	9,99856,30249	17161	8,91106,63354	26,00388	11,08893,36646	30	
	40	8,90988,76830	25,81684	9,99856,13088	17172	8,91132,63742	25,98856	11,08867,36258	20	
	50	8,91014,58514	25,80139	9,99855,95916	17182	8,91158,62598	25,97321	11,08841,37402	10	
40	0	8,91040,38653	25,78594	9,99855,78734	17192	8,91184,59919	25,95786	11,08815,40081	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	8,91040,38653	25,78594	9,99855,78734	17192	8,91184,59919	25,95786	11,08815,40081	0	20
	10	8,91066,17247	25,77057	9,99855,61542	17203	8,91210,55705	25,94260	11,08789,44295	50	
	20	8,91091,94304	25,75519	9,99855,44339	17213	8,91236,49965	25,92732	11,08763,50035	40	
	30	8,91117,69823	25,73982	9,99855,27126	17223	8,91262,42697	25,91205	11,08737,57303	30	
	40	8,91143,43805	25,72445	9,99855,09903	17233	8,91288,33902	25,89678	11,08711,66098	20	
	50	8,91169,16250	25,70914	9,99854,92670	17244	8,91314,23580	25,88158	11,08685,76420	10	
41	0	8,91194,87164	25,69380	9,99854,75426	17254	8,91340,11738	25,86634	11,08659,88262	0	19
	10	8,91220,56544	25,67853	9,99854,58172	17264	8,91365,98372	25,85117	11,08634,01628	50	
	20	8,91246,24397	25,66326	9,99854,40908	17275	8,91391,83489	25,83601	11,08608,16511	40	
	30	8,91271,90723	25,64800	9,99854,23633	17285	8,91417,67090	25,82085	11,08582,32910	30	
	40	8,91297,55523	25,63274	9,99854,06348	17295	8,91443,49175	25,80569	11,08556,50825	20	
	50	8,91323,18797	25,61751	9,99853,89053	17305	8,91469,29744	25,79056	11,08530,70256	10	
42	0	8,91348,80548	25,60235	9,99853,71748	17316	8,91495,08800	25,77551	11,08504,91200	0	18
	10	8,91374,40783	25,58714	9,99853,54432	17326	8,91520,86351	25,76040	11,08479,13649	50	
	20	8,91399,99497	25,57196	9,99853,37106	17336	8,91546,62391	25,74532	11,08453,37609	40	
	30	8,91425,56693	25,55680	9,99853,19770	17346	8,91572,36923	25,73026	11,08427,63077	30	
	40	8,91451,12373	25,54170	9,99853,02424	17357	8,91598,09949	25,71527	11,08401,90051	20	
	50	8,91476,66543	25,52659	9,99852,85067	17367	8,91623,81476	25,70026	11,08376,18524	10	
43	0	8,91502,19202	25,51146	9,99852,67700	17377	8,91649,51502	25,68523	11,08350,48498	0	17
	10	8,91527,70348	25,49641	9,99852,50323	17388	8,91675,20025	25,67029	11,08324,79975	50	
	20	8,91553,19989	25,48133	9,99852,32935	17398	8,91700,87054	25,65531	11,08299,12946	40	
	30	8,91578,68122	25,46630	9,99852,15537	17408	8,91726,52585	25,64038	11,08273,47415	30	
	40	8,91604,14752	25,45126	9,99851,98129	17418	8,91752,16623	25,62544	11,08247,83377	20	
	50	8,91629,59878	25,43626	9,99851,80711	17429	8,91777,79167	25,61055	11,08222,20833	10	
44	0	8,91655,03504	25,42126	9,99851,63282	17439	8,91803,40222	25,59565	11,08196,59778	0	16
	10	8,91680,45630	25,40629	9,99851,45843	17449	8,91828,99787	25,58078	11,08171,00213	50	
	20	8,91705,86259	25,39134	9,99851,28394	17460	8,91854,57865	25,56594	11,08145,42135	40	
	30	8,91731,25393	25,37641	9,99851,10934	17470	8,91880,14459	25,55111	11,08119,85541	30	
	40	8,91756,63034	25,36146	9,99850,93464	17480	8,91905,69570	25,53626	11,08094,30430	20	
	50	8,91781,99180	25,34658	9,99850,75984	17490	8,91931,23196	25,52148	11,08068,76804	10	
45	0	8,91807,33838	25,33169	9,99850,58494	17501	8,91956,75344	25,50670	11,08043,24656	0	15
	10	8,91832,67007	25,31683	9,99850,40993	17511	8,91982,26014	25,49194	11,08017,73986	50	
	20	8,91857,98690	25,30195	9,99850,23482	17521	8,92007,75208	25,47716	11,07992,24792	40	
	30	8,91883,28885	25,28716	9,99850,05961	17532	8,92033,22924	25,46248	11,07966,77076	30	
	40	8,91908,57601	25,27229	9,99849,88429	17542	8,92058,69172	25,44771	11,07941,30828	20	
	50	8,91933,84830	25,25751	9,99849,70887	17552	8,92084,13943	25,43303	11,07915,86057	10	
46	0	8,91959,10581	25,24273	9,99849,53335	17562	8,92109,57246	25,41835	11,07890,42754	0	14
	10	8,91984,34854	25,22797	9,99849,35773	17573	8,92134,99081	25,40370	11,07865,00919	50	
	20	8,92009,57651	25,21322	9,99849,18200	17583	8,92160,39451	25,38905	11,07839,60549	40	
	30	8,92034,78973	25,19850	9,99849,00617	17593	8,92185,78356	25,37443	11,07814,21644	30	
	40	8,92059,98823	25,18376	9,99848,83024	17603	8,92211,15799	25,35979	11,07788,84201	20	
	50	8,92085,17199	25,16908	9,99848,65421	17614	8,92236,51778	25,34522	11,07763,48222	10	
47	0	8,92110,34107	25,15441	9,99848,47807	17624	8,92261,86300	25,33065	11,07738,13700	0	13
	10	8,92135,49548	25,13973	9,99848,30183	17634	8,92287,19365	25,31607	11,07712,80635	50	
	20	8,92160,63521	25,12508	9,99848,12549	17645	8,92312,50972	25,30153	11,07687,49028	40	
	30	8,92185,76029	25,11045	9,99847,94904	17655	8,92337,81125	25,28700	11,07662,18875	30	
	40	8,92210,87074	25,09585	9,99847,77249	17665	8,92363,09825	25,27250	11,07636,90175	20	
	50	8,92235,96659	25,08125	9,99847,59584	17675	8,92388,37075	25,25800	11,07611,62925	10	
48	0	8,92261,04784	25,06668	9,99847,41909	17686	8,92413,62875	25,24354	11,07586,37125	0	12
	10	8,92286,11452	25,05209	9,99847,24223	17696	8,92438,87229	25,22905	11,07561,12771	50	
	20	8,92311,16661	25,03756	9,99847,06527	17706	8,92464,10134	25,21462	11,07535,89866	40	
	30	8,92336,20417	25,02304	9,99846,88821	17716	8,92489,31596	25,20020	11,07510,68404	30	
	40	8,92361,22721	25,00852	9,99846,71105	17727	8,92514,51616	25,18579	11,07485,48384	20	
	50	8,92386,23573	24,99404	9,99846,53378	17737	8,92539,70195	25,17141	11,07460,29805	10	
49	0	8,92411,22977	24,97956	9,99846,35641	17747	8,92564,87336	25,15703	11,07435,12664	0	11
	10	8,92436,20933	24,96508	9,99846,17894	17758	8,92590,03039	25,14266	11,07409,96961	50	
	20	8,92461,17441	24,95065	9,99846,00136	17768	8,92615,17305	25,12833	11,07384,82695	40	
	30	8,92486,12506	24,93623	9,99845,82368	17778	8,92640,30138	25,11401	11,07359,69862	30	
	40	8,92511,06129	24,92179	9,99845,64590	17788	8,92665,41539	25,09967	11,07334,58461	20	
	50	8,92535,98308	24,90741	9,99845,46802	17799	8,92690,51506	25,08540	11,07309,48494	10	
50	0	8,92560,89040	24,89302	9,99845,29003	17809	8,92715,60046	25,07111	11,07284,39954	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	8,92560,89049	24,89302	9,99845,29003	17809	8,92715,60046	25,07111	11,07284,39954	0	10
	10	8,92585,78351	24,87868	9,99845,11194	17819	8,92740,67157	25,05687	11,07259,32843	50	
	20	8,92610,66219	24,86433	9,99844,93375	17830	8,92765,72844	25,04263	11,07234,27156	40	
	30	8,92635,52652	24,85001	9,99844,75545	17840	8,92790,77107	25,02841	11,07209,22893	30	
	40	8,92660,37653	24,83567	9,99844,57705	17850	8,92815,79948	25,01417	11,07184,20052	20	
	50	8,92685,21220	24,82139	9,99844,39855	17861	8,92840,81365	25,00000	11,07159,18635	10	
51	0	8,92710,03359	24,80710	9,99844,21994	17871	8,92865,81365	24,98581	11,07134,18635	0	9
	10	8,92734,84069	24,79285	9,99844,04123	17881	8,92890,79946	24,97166	11,07109,20054	50	
	20	8,92759,63354	24,77858	9,99843,86242	17891	8,92915,77112	24,95749	11,07084,22888	40	
	30	8,92784,41212	24,76438	9,99843,68351	17902	8,92940,72861	24,94340	11,07059,27139	30	
	40	8,92809,17650	24,75013	9,99843,50449	17912	8,92965,67201	24,92925	11,07034,32799	20	
	50	8,92833,92663	24,73597	9,99843,32537	17922	8,92990,60126	24,91519	11,07009,39874	10	
52	0	8,92858,66260	24,72176	9,99843,14615	17932	8,93015,51645	24,90108	11,06984,48355	0	8
	10	8,92883,38436	24,70762	9,99842,96683	17943	8,93040,41753	24,88705	11,06959,58247	50	
	20	8,92908,09198	24,69345	9,99842,78740	17953	8,93065,30458	24,87298	11,06934,69542	40	
	30	8,92932,78543	24,67929	9,99842,60787	17963	8,93090,17756	24,85892	11,06909,82244	30	
	40	8,92957,46472	24,66519	9,99842,42824	17973	8,93115,03648	24,84492	11,06884,96352	20	
	50	8,92982,12991	24,65110	9,99842,24851	17984	8,93139,88140	24,83094	11,06860,11860	10	
53	0	8,93006,78101	24,63700	9,99842,06867	17994	8,93164,71234	24,81694	11,06835,28766	0	7
	10	8,93031,41801	24,62294	9,99841,88873	18004	8,93189,52928	24,80298	11,06810,47072	50	
	20	8,93056,04095	24,60888	9,99841,70869	18015	8,93214,33226	24,78903	11,06785,66774	40	
	30	8,93080,64983	24,59485	9,99841,52854	18025	8,93239,12129	24,77510	11,06760,87871	30	
	40	8,93105,24468	24,58082	9,99841,34829	18035	8,93263,89639	24,76117	11,06736,10361	20	
	50	8,93129,82550	24,56682	9,99841,16794	18046	8,93288,65756	24,74728	11,06711,34244	10	
54	0	8,93154,39232	24,55283	9,99840,98748	18056	8,93313,40484	24,73339	11,06686,59516	0	6
	10	8,93178,94515	24,53887	9,99840,80692	18066	8,93338,13823	24,71953	11,06661,86177	50	
	20	8,93203,48402	24,52487	9,99840,62626	18076	8,93362,85776	24,70563	11,06637,14224	40	
	30	8,93228,00889	24,51095	9,99840,44550	18087	8,93387,56339	24,69182	11,06612,43661	30	
	40	8,93252,51984	24,49703	9,99840,26463	18097	8,93412,25521	24,67800	11,06587,74479	20	
	50	8,93277,01687	24,48309	9,99840,08366	18107	8,93436,93321	24,66416	11,06563,06679	10	
55	0	8,93301,49996	24,46920	9,99839,90259	18118	8,93461,59737	24,65038	11,06538,40263	0	5
	10	8,93325,96916	24,45533	9,99839,72141	18128	8,93486,24775	24,63661	11,06513,75225	50	
	20	8,93350,42449	24,44147	9,99839,54013	18138	8,93510,88436	24,62285	11,06489,11564	40	
	30	8,93374,86596	24,42761	9,99839,35875	18148	8,93535,50721	24,60909	11,06464,49279	30	
	40	8,93399,29357	24,41379	9,99839,17727	18159	8,93560,11630	24,59538	11,06439,88370	20	
	50	8,93423,70736	24,39996	9,99838,99568	18169	8,93584,71168	24,58165	11,06415,28832	10	
56	0	8,93448,10732	24,38615	9,99838,81399	18179	8,93609,29333	24,56794	11,06390,70667	0	4
	10	8,93472,49347	24,37237	9,99838,63220	18189	8,93633,86127	24,55426	11,06366,13873	50	
	20	8,93496,86584	24,35860	9,99838,45031	18200	8,93658,41553	24,54060	11,06341,58447	40	
	30	8,93521,22444	24,34486	9,99838,26831	18210	8,93682,95613	24,52696	11,06317,04387	30	
	40	8,93545,56930	24,33109	9,99838,08621	18220	8,93707,48309	24,51329	11,06292,51691	20	
	50	8,93569,90039	24,31738	9,99837,90401	18231	8,93731,99638	24,49969	11,06268,00362	10	
57	0	8,93594,21777	24,30368	9,99837,72170	18241	8,93756,49607	24,48609	11,06243,50393	0	3
	10	8,93618,52145	24,28996	9,99837,53929	18251	8,93780,98216	24,47247	11,06219,01784	50	
	20	8,93642,81141	24,27630	9,99837,35678	18262	8,93805,45463	24,45892	11,06194,54537	40	
	30	8,93667,08771	24,26263	9,99837,17416	18272	8,93829,91355	24,44535	11,06170,08645	30	
	40	8,93691,35034	24,24898	9,99836,99144	18282	8,93854,35890	24,43180	11,06145,64110	20	
	50	8,93715,59932	24,23533	9,99836,80862	18292	8,93878,79070	24,41825	11,06121,20930	10	
58	0	8,93739,83465	24,22174	9,99836,62570	18303	8,93903,20895	24,40477	11,06096,79105	0	2
	10	8,93764,05639	24,20812	9,99836,44267	18313	8,93927,61372	24,39125	11,06072,38628	50	
	20	8,93788,26451	24,19452	9,99836,25954	18323	8,93952,00497	24,37775	11,06047,99503	40	
	30	8,93812,45903	24,18096	9,99836,07631	18333	8,93976,38272	24,36429	11,06023,61728	30	
	40	8,93836,63999	24,16740	9,99835,89298	18344	8,94000,74701	24,35084	11,05999,25299	20	
	50	8,93860,80739	24,15386	9,99835,70954	18354	8,94025,09785	24,33740	11,05974,90215	10	
59	0	8,93884,96125	24,14032	9,99835,52600	18364	8,94049,43525	24,32396	11,05950,56475	0	1
	10	8,93909,10157	24,12681	9,99835,34236	18375	8,94073,75921	24,31056	11,05926,24079	50	
	20	8,93933,22838	24,11333	9,99835,15861	18385	8,94098,06977	24,29718	11,05901,93023	40	
	30	8,93957,34171	24,09983	9,99834,97476	18395	8,94122,36695	24,28378	11,05877,63305	30	
	40	8,93981,44154	24,08637	9,99834,79081	18405	8,94146,65073	24,27042	11,05853,34927	20	
	50	8,94005,52791	24,07292	9,99834,60676	18416	8,94170,92115	24,25708	11,05829,07885	10	
60	0	8,94029,60083	24,05948	9,99834,42260	18426	8,94195,17823	24,24374	11,05804,82177	0	0
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
5										
0	0	8,94029,60083	24,05948	9,99834,42260	18426	8,94195,17823	24,24374	11,05804,82177	0	60
	10	8,94053,66031	24,04605	9,99834,23834	18436	8,94219,42197	24,23041	11,05780,57803	50	
	20	8,94077,70636	24,03264	9,99834,05398	18447	8,94243,65238	24,21711	11,05756,34762	40	
	30	8,94101,73900	24,01924	9,99833,86951	18457	8,94267,86949	24,20381	11,05732,13051	30	
	40	8,94125,75824	24,00588	9,99833,68494	18467	8,94292,07330	24,19055	11,05707,92670	20	
	50	8,94149,76412	23,99252	9,99833,50027	18478	8,94316,26385	24,17730	11,05683,73615	10	
1	0	8,94173,75664	23,97914	9,99833,31549	18488	8,94340,44115	24,16402	11,05659,55885	0	59
	10	8,94197,73578	23,96584	9,99833,13061	18498	8,94364,60517	24,15082	11,05635,39483	50	
	20	8,94221,70162	23,95250	9,99832,94563	18508	8,94388,75599	24,13758	11,05611,24401	40	
	30	8,94245,65412	23,93918	9,99832,76055	18519	8,94412,89357	24,12437	11,05587,10643	30	
	40	8,94269,59330	23,92593	9,99832,57536	18529	8,94437,01794	24,11122	11,05562,98206	20	
	50	8,94293,51923	23,91263	9,99832,39007	18539	8,94461,12916	24,09802	11,05538,87084	10	
2	0	8,94317,43186	23,89939	9,99832,20468	18550	8,94485,22718	24,08489	11,05514,77282	0	58
	10	8,94341,33125	23,88610	9,99832,01918	18560	8,94509,31207	24,07170	11,05490,68793	50	
	20	8,94365,21735	23,87290	9,99831,83358	18570	8,94533,38377	24,05860	11,05466,61623	40	
	30	8,94389,09025	23,85967	9,99831,64788	18580	8,94557,44237	24,04547	11,05442,55763	30	
	40	8,94412,94992	23,84649	9,99831,46208	18590	8,94581,48784	24,03239	11,05418,51216	20	
	50	8,94436,79641	23,83326	9,99831,27618	18601	8,94605,52023	24,01927	11,05394,47977	10	
3	0	8,94460,62967	23,82011	9,99831,09017	18611	8,94629,53950	24,00622	11,05370,46050	0	57
	10	8,94484,44978	23,80695	9,99830,90406	18621	8,94653,54572	23,99316	11,05346,45428	50	
	20	8,94508,25673	23,79379	9,99830,71785	18632	8,94677,53888	23,98011	11,05322,46112	40	
	30	8,94532,05052	23,78069	9,99830,53153	18642	8,94701,51899	23,96711	11,05298,48101	30	
	40	8,94555,83121	23,76755	9,99830,34511	18652	8,94725,48610	23,95407	11,05274,51390	20	
	50	8,94579,59876	23,75446	9,99830,15859	18663	8,94749,44017	23,94109	11,05250,55983	10	
4	0	8,94603,35322	23,74136	9,99829,97196	18673	8,94773,38126	23,92809	11,05226,61874	0	56
	10	8,94627,09458	23,72829	9,99829,78523	18683	8,94797,30935	23,91512	11,05202,69065	50	
	20	8,94650,82287	23,71524	9,99829,59840	18694	8,94821,22447	23,90218	11,05178,77553	40	
	30	8,94674,53811	23,70220	9,99829,41146	18704	8,94845,12665	23,88924	11,05154,87335	30	
	40	8,94698,24031	23,68914	9,99829,22442	18714	8,94869,01589	23,87628	11,05130,98411	20	
	50	8,94721,92945	23,67615	9,99829,03728	18724	8,94892,89217	23,86339	11,05107,10783	10	
5	0	8,94745,60560	23,66315	9,99828,85004	18735	8,94916,75556	23,85050	11,05083,24444	0	55
	10	8,94769,26875	23,65015	9,99828,66269	18745	8,94940,60606	23,83760	11,05059,39394	50	
	20	8,94792,91890	23,63718	9,99828,47524	18755	8,94964,44366	23,82473	11,05035,55634	40	
	30	8,94816,55608	23,62422	9,99828,28769	18765	8,94988,26839	23,81187	11,05011,73161	30	
	40	8,94840,18030	23,61127	9,99828,10004	18776	8,95012,08026	23,79903	11,04987,91974	20	
	50	8,94863,79157	23,59833	9,99827,91228	18786	8,95035,87929	23,78619	11,04964,12071	10	
6	0	8,94887,38990	23,58541	9,99827,72442	18796	8,95059,66548	23,77337	11,04940,33452	0	54
	10	8,94910,97531	23,57252	9,99827,53646	18807	8,95083,43885	23,76059	11,04916,56115	50	
	20	8,94934,54783	23,55964	9,99827,34839	18817	8,95107,19944	23,74781	11,04892,80056	40	
	30	8,94958,10747	23,54676	9,99827,16022	18827	8,95130,94725	23,73503	11,04869,05275	30	
	40	8,94981,65423	23,53390	9,99826,97195	18838	8,95154,68228	23,72228	11,04845,31772	20	
	50	8,95005,18813	23,52103	9,99826,78357	18848	8,95178,40456	23,70951	11,04821,59544	10	
7	0	8,95028,70916	23,50820	9,99826,59509	18858	8,95202,11407	23,69678	11,04797,88593	0	53
	10	8,95052,21736	23,49538	9,99826,40651	18869	8,95225,81085	23,68407	11,04774,18915	50	
	20	8,95075,71274	23,48260	9,99826,21782	18879	8,95249,49492	23,67139	11,04750,50508	40	
	30	8,95099,19534	23,46981	9,99826,02903	18889	8,95273,16631	23,65870	11,04726,83369	30	
	40	8,95122,66515	23,45699	9,99825,84014	18899	8,95296,82501	23,64598	11,04703,17499	20	
	50	8,95146,12214	23,44425	9,99825,65115	18910	8,95320,47099	23,63335	11,04679,52901	10	
8	0	8,95169,56639	23,43151	9,99825,46205	18920	8,95344,10434	23,62071	11,04655,89566	0	52
	10	8,95192,99790	23,41875	9,99825,27285	18930	8,95367,72505	23,60805	11,04632,27495	50	
	20	8,95216,41665	23,40603	9,99825,08355	18940	8,95391,33310	23,59543	11,04608,66690	40	
	30	8,95239,82268	23,39334	9,99824,89415	18951	8,95414,92853	23,58285	11,04585,07147	30	
	40	8,95263,21602	23,38062	9,99824,70464	18961	8,95438,51138	23,57023	11,04561,48862	20	
	50	8,95286,59664	23,36794	9,99824,51503	18971	8,95462,08161	23,55765	11,04537,91839	10	
9	0	8,95309,96458	23,35530	9,99824,32532	18982	8,95485,63926	23,54512	11,04514,36074	0	51
	10	8,95333,31988	23,34260	9,99824,13550	18992	8,95509,18438	23,53252	11,04490,81562	50	
	20	8,95356,66248	23,32999	9,99823,94558	19002	8,95532,71690	23,52001	11,04467,28310	40	
	30	8,95379,99247	23,31735	9,99823,75556	19012	8,95556,23691	23,50747	11,04443,76309	30	
	40	8,95403,30982	23,30473	9,99823,56544	19023	8,95579,74438	23,49496	11,04420,25562	20	
	50	8,95426,61455	23,29214	9,99823,37521	19033	8,95603,23934	23,48247	11,04396,76066	10	
10	0	8,95449,90669	23,27955	9,99823,18488	19043	8,95626,72181	23,46998	11,04373,27819	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	8,95449,90669	23,27955	9,99823,18488	19043	8,95626,72181	23,46998	11,04373,27819	0	50
	10	8,95473,18624	23,26698	9,99822,99445	19054	8,95650,19179	23,45752	11,04349,80821	50	
	20	8,95496,45322	23,25443	9,99822,80391	19064	8,95673,64931	23,44507	11,04326,35069	40	
	30	8,95519,70765	23,24186	9,99822,61327	19074	8,95697,09438	23,43260	11,04302,90562	30	
	40	8,95542,94951	23,22934	9,99822,42253	19085	8,95720,52698	23,42019	11,04279,47302	20	
	50	8,95566,17885	23,21683	9,99822,23168	19095	8,95743,94717	23,40778	11,04256,05283	10	
11	0	8,95589,39568	23,20432	9,99822,04073	19105	8,95767,35495	23,39537	11,04232,64505	0	49
	10	8,95612,60000	23,19179	9,99821,84968	19115	8,95790,75032	23,38294	11,04209,24968	50	
	20	8,95635,79179	23,17934	9,99821,65853	19126	8,95814,13326	23,37060	11,04185,86674	40	
	30	8,95658,97113	23,16687	9,99821,46727	19136	8,95837,50386	23,35823	11,04162,49614	30	
	40	8,95682,13800	23,15442	9,99821,27591	19146	8,95860,86209	23,34588	11,04139,13791	20	
	50	8,95705,29242	23,14198	9,99821,08445	19157	8,95884,20797	23,33355	11,04115,79203	10	
12	0	8,95728,43440	23,12954	9,99820,89288	19167	8,95907,54152	23,32121	11,04092,45848	0	48
	10	8,95751,56394	23,11713	9,99820,70121	19177	8,95930,86273	23,30890	11,04069,13727	50	
	20	8,95774,68107	23,10474	9,99820,50944	19188	8,95954,17163	23,29662	11,04045,82837	40	
	30	8,95797,78581	23,09236	9,99820,31756	19198	8,95977,46825	23,28434	11,04022,53175	30	
	40	8,95820,87817	23,07996	9,99820,12558	19208	8,96000,75259	23,27204	11,03999,24741	20	
	50	8,95843,95813	23,06762	9,99819,93350	19218	8,96024,02463	23,25980	11,03975,97537	10	
13	0	8,95867,02575	23,05527	9,99819,74132	19229	8,96047,28443	23,24756	11,03952,71557	0	47
	10	8,95890,08102	23,04293	9,99819,54903	19239	8,96070,53199	23,23532	11,03929,46801	50	
	20	8,95913,12395	23,03060	9,99819,35664	19249	8,96093,76731	23,22309	11,03906,23269	40	
	30	8,95936,15455	23,01830	9,99819,16415	19259	8,96116,99040	23,21089	11,03883,00960	30	
	40	8,95959,17285	23,00600	9,99818,97156	19270	8,96140,20129	23,19870	11,03859,79871	20	
	50	8,95982,17885	22,99371	9,99818,77886	19280	8,96163,39999	23,18651	11,03836,60001	10	
14	0	8,96005,17256	22,98143	9,99818,58606	19290	8,96186,58650	23,17433	11,03813,41350	0	46
	10	8,96028,15399	22,96920	9,99818,39316	19301	8,96209,76083	23,16221	11,03790,23917	50	
	20	8,96051,12319	22,95697	9,99818,20015	19311	8,96232,92304	23,15008	11,03767,07696	40	
	30	8,96074,08016	22,94470	9,99818,00704	19321	8,96256,07312	23,13791	11,03743,92688	30	
	40	8,96097,02486	22,93252	9,99817,81383	19332	8,96279,21103	23,12584	11,03720,78897	20	
	50	8,96119,95738	22,92029	9,99817,62051	19342	8,96302,33687	23,11371	11,03697,66313	10	
15	0	8,96142,87767	22,90810	9,99817,42709	19352	8,96325,45058	23,10162	11,03674,54942	0	45
	10	8,96165,78577	22,89593	9,99817,23357	19362	8,96348,55220	23,08955	11,03651,44780	50	
	20	8,96188,68170	22,88376	9,99817,03995	19373	8,96371,64175	23,07749	11,03628,35825	40	
	30	8,96211,56546	22,87161	9,99816,84622	19383	8,96394,71924	23,06544	11,03605,28076	30	
	40	8,96234,43707	22,85948	9,99816,65239	19393	8,96417,78468	23,05341	11,03582,21532	20	
	50	8,96257,29655	22,84733	9,99816,45846	19404	8,96440,83809	23,04137	11,03559,16191	10	
16	0	8,96280,14388	22,83520	9,99816,26442	19414	8,96463,87946	23,02934	11,03536,12054	0	44
	10	8,96302,97908	22,82314	9,99816,07028	19424	8,96486,90880	23,01738	11,03513,09120	50	
	20	8,96325,80222	22,81103	9,99815,87604	19435	8,96509,92618	23,00538	11,03490,07382	40	
	30	8,96348,61325	22,79896	9,99815,68169	19445	8,96532,93156	22,99341	11,03467,06844	30	
	40	8,96371,41221	22,78686	9,99815,48724	19455	8,96555,92497	22,98141	11,03444,07503	20	
	50	8,96394,19907	22,77485	9,99815,29269	19465	8,96578,90638	22,96950	11,03421,09362	10	
17	0	8,96416,97392	22,76279	9,99815,09804	19476	8,96601,87588	22,95755	11,03398,12412	0	43
	10	8,96439,73671	22,75078	9,99814,90328	19486	8,96624,83343	22,94564	11,03375,16657	50	
	20	8,96462,48749	22,73877	9,99814,70842	19496	8,96647,77907	22,93373	11,03352,22093	40	
	30	8,96485,22626	22,72673	9,99814,51346	19506	8,96670,71280	22,92179	11,03329,28720	30	
	40	8,96507,95299	22,71478	9,99814,31840	19517	8,96693,63459	22,90995	11,03306,36541	20	
	50	8,96530,66777	22,70278	9,99814,12323	19527	8,96716,54454	22,89805	11,03283,45546	10	
18	0	8,96553,37055	22,69083	9,99813,92796	19537	8,96739,44259	22,88620	11,03260,55741	0	42
	10	8,96576,06138	22,67888	9,99813,73259	19548	8,96762,32879	22,87436	11,03237,67125	50	
	20	8,96598,74026	22,66693	9,99813,53711	19558	8,96785,20315	22,86251	11,03214,79685	40	
	30	8,96621,40719	22,65501	9,99813,34153	19568	8,96808,06566	22,85069	11,03191,93434	30	
	40	8,96644,06220	22,64310	9,99813,14585	19579	8,96830,91635	22,83889	11,03169,08365	20	
	50	8,96666,70530	22,63119	9,99812,95006	19589	8,96853,75524	22,82708	11,03146,24476	10	
19	0	8,96689,33640	22,61932	9,99812,75417	19599	8,96876,58232	22,81531	11,03123,41768	0	41
	10	8,96711,95581	22,60742	9,99812,55818	19610	8,96899,39763	22,80352	11,03100,60237	50	
	20	8,96734,56323	22,59556	9,99812,36208	19620	8,96922,20115	22,79176	11,03077,79885	40	
	30	8,96757,15879	22,58372	9,99812,16588	19630	8,96944,99291	22,78002	11,03055,00709	30	
	40	8,96779,74251	22,57185	9,99811,96958	19640	8,96967,77293	22,76825	11,03032,22707	20	
	50	8,96802,31436	22,56006	9,99811,77318	19651	8,96990,54118	22,75657	11,03009,45882	10	
20	0	8,96824,87442	22,54823	9,99811,57667	19661	8,97013,29775	22,74484	11,02986,70225	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	8,96824,87442	22,54823	9,99811,57667	19661	8,97013,29775	22,74484	11,02986,70225	0	40
	10	8,96847,42265	22,53642	9,99811,38006	19671	8,97036,04259	22,73313	11,02963,95741	50	
	20	8,96869,95907	22,52465	9,99811,18335	19682	8,97058,77572	22,72147	11,02941,22428	40	
	30	8,96892,48372	22,51288	9,99810,98653	19692	8,97081,49719	22,70980	11,02918,50281	30	
	40	8,96914,99660	22,50109	9,99810,78961	19702	8,97104,20699	22,69811	11,02895,79301	20	
	50	8,96937,49769	22,48933	9,99810,59259	19713	8,97126,90510	22,68646	11,02873,09490	10	
21	0	8,96959,98702	22,47759	9,99810,39546	19723	8,97149,59156	22,67482	11,02850,40844	0	39
	10	8,96982,46461	22,46587	9,99810,19823	19733	8,97172,26638	22,66320	11,02827,73362	50	
	20	8,97004,93048	22,45415	9,99810,00090	19743	8,97194,92958	22,65158	11,02805,07042	40	
	30	8,97027,38463	22,44242	9,99809,80347	19754	8,97217,58116	22,63996	11,02782,41884	30	
	40	8,97049,82705	22,43077	9,99809,60593	19764	8,97240,22112	22,62841	11,02759,77888	20	
	50	8,97072,25782	22,41906	9,99809,40829	19774	8,97262,84953	22,61680	11,02737,15047	10	
22	0	8,97094,67688	22,40743	9,99809,21055	19785	8,97285,46633	22,60528	11,02714,53367	0	38
	10	8,97117,08431	22,39573	9,99809,01270	19795	8,97308,07161	22,59368	11,02691,92839	50	
	20	8,97139,48004	22,38409	9,99808,81475	19805	8,97330,66529	22,58214	11,02669,33471	40	
	30	8,97161,86413	22,37245	9,99808,61670	19815	8,97353,24743	22,57060	11,02646,75257	30	
	40	8,97184,23658	22,36085	9,99808,41855	19826	8,97375,81803	22,55911	11,02624,18197	20	
	50	8,97206,59743	22,34925	9,99808,22029	19836	8,97398,37714	22,54761	11,02601,62286	10	
23	0	8,97228,94668	22,33765	9,99808,02193	19846	8,97420,92475	22,53611	11,02579,07525	0	37
	10	8,97251,28433	22,32605	9,99807,82347	19857	8,97443,46086	22,52462	11,02556,53914	50	
	20	8,97273,61038	22,31446	9,99807,62490	19867	8,97465,98548	22,51313	11,02534,01452	40	
	30	8,97295,92484	22,30292	9,99807,42623	19877	8,97488,49861	22,50169	11,02511,50139	30	
	40	8,97318,22776	22,29136	9,99807,22746	19888	8,97511,00030	22,49024	11,02488,99970	20	
	50	8,97340,51912	22,27986	9,99807,02858	19898	8,97533,49054	22,47884	11,02466,50946	10	
24	0	8,97362,79898	22,26830	9,99806,82960	19908	8,97555,96938	22,46738	11,02444,03062	0	36
	10	8,97385,06728	22,25677	9,99806,63052	19918	8,97578,43676	22,45595	11,02421,56324	50	
	20	8,97407,32405	22,24531	9,99806,43134	19929	8,97600,89271	22,44460	11,02399,10729	40	
	30	8,97429,56936	22,23378	9,99806,23205	19939	8,97623,33731	22,43317	11,02376,66269	30	
	40	8,97451,80314	22,22231	9,99806,03266	19949	8,97645,77048	22,42180	11,02354,22952	20	
	50	8,97474,02545	22,21085	9,99805,83317	19960	8,97668,19228	22,41045	11,02331,80772	10	
25	0	8,97496,23630	22,19940	9,99805,63357	19970	8,97690,60273	22,39910	11,02309,39727	0	35
	10	8,97518,43570	22,18796	9,99805,43387	19980	8,97713,00183	22,38776	11,02286,99817	50	
	20	8,97540,62366	22,17652	9,99805,23407	19991	8,97735,38959	22,37643	11,02264,61041	40	
	30	8,97562,80018	22,16512	9,99805,03416	20001	8,97757,76602	22,36513	11,02242,23398	30	
	40	8,97584,96530	22,15366	9,99804,83415	20011	8,97780,13115	22,35377	11,02219,86885	20	
	50	8,97607,11896	22,14230	9,99804,63404	20021	8,97802,48492	22,34251	11,02197,51508	10	
26	0	8,97629,26126	22,13091	9,99804,43383	20032	8,97824,82743	22,33123	11,02175,17257	0	34
	10	8,97651,39217	22,11953	9,99804,23351	20042	8,97847,15866	22,31995	11,02152,84134	50	
	20	8,97673,51170	22,10817	9,99804,03309	20052	8,97869,47861	22,30869	11,02130,52139	40	
	30	8,97695,61987	22,09683	9,99803,83257	20063	8,97891,78730	22,29746	11,02108,21270	30	
	40	8,97717,71670	22,08547	9,99803,63194	20073	8,97914,08476	22,28620	11,02085,91524	20	
	50	8,97739,80217	22,07414	9,99803,43121	20083	8,97936,37096	22,27497	11,02063,62904	10	
27	0	8,97761,87631	22,06287	9,99803,23038	20094	8,97958,64593	22,26381	11,02041,35407	0	33
	10	8,97783,93918	22,05154	9,99803,02944	20104	8,97980,90974	22,25258	11,02019,09026	50	
	20	8,97805,99072	22,04023	9,99802,82840	20114	8,98003,16232	22,24137	11,01996,83768	40	
	30	8,97828,03095	22,02896	9,99802,62726	20124	8,98025,40369	22,23020	11,01974,59631	30	
	40	8,97850,05991	22,01770	9,99802,42602	20135	8,98047,63389	22,21905	11,01952,36611	20	
	50	8,97872,07761	22,00642	9,99802,22467	20145	8,98069,85294	22,20787	11,01930,14706	10	
28	0	8,97894,08403	21,99517	9,99802,02322	20155	8,98092,06081	22,19672	11,01907,93919	0	32
	10	8,97916,07920	21,98394	9,99801,82167	20166	8,98114,25753	22,18560	11,01885,74247	50	
	20	8,97938,06314	21,97275	9,99801,62001	20176	8,98136,44313	22,17451	11,01863,55687	40	
	30	8,97960,03589	21,96149	9,99801,41825	20186	8,98158,61764	22,16335	11,01841,38236	30	
	40	8,97981,99738	21,95031	9,99801,21639	20197	8,98180,78099	22,15228	11,01819,21901	20	
	50	8,98003,94769	21,93911	9,99801,01442	20207	8,98202,93327	22,14118	11,01797,06673	10	
29	0	8,98025,88680	21,92793	9,99800,81235	20217	8,98225,07445	22,13010	11,01774,92555	0	31
	10	8,98047,81473	21,91679	9,99800,61018	20228	8,98247,20455	22,11907	11,01752,79545	50	
	20	8,98069,73152	21,90561	9,99800,40790	20238	8,98269,32362	22,10799	11,01730,67638	40	
	30	8,98091,63713	21,89448	9,99800,20552	20248	8,98291,43161	22,09696	11,01708,56839	30	
	40	8,98113,53161	21,88333	9,99800,00304	20258	8,98313,52857	22,08591	11,01686,47143	20	
	50	8,98135,41494	21,87221	9,99799,80046	20269	8,98335,61448	22,07490	11,01664,38552	10	
30	0	8,98157,28715	21,86110	9,99799,59777	20279	8,98357,68938	22,06389	11,01642,31062	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	8,98157,28715	21,86110	9,99799,59777	20279	8,98357,68938	22,06389	11,01642,31062	0	30
	10	8,98179,14825	21,85001	9,99799,39498	20289	8,98379,75327	22,05290	11,01620,24673	50	
	20	8,98200,99826	21,83889	9,99799,19209	20300	8,98401,80617	22,04189	11,01598,19383	40	
	30	8,98222,83715	21,82783	9,99798,98909	20310	8,98423,84806	22,03093	11,01576,15194	30	
	40	8,98244,66498	21,81675	9,99798,78599	20320	8,98445,87899	22,01995	11,01554,12101	20	
	50	8,98266,48173	21,80571	9,99798,58279	20330	8,98467,89894	22,00901	11,01532,10106	10	
31	0	8,98288,28744	21,79467	9,99798,37949	20341	8,98489,90795	21,99808	11,01510,09205	0	29
	10	8,98310,08211	21,78362	9,99798,17608	20351	8,98511,90603	21,98713	11,01488,09397	50	
	20	8,98331,86573	21,77261	9,99797,97257	20362	8,98533,89316	21,97623	11,01466,10684	40	
	30	8,98353,63834	21,76159	9,99797,76895	20372	8,98555,86939	21,96531	11,01444,13061	30	
	40	8,98375,39993	21,75060	9,99797,56523	20382	8,98577,83470	21,95442	11,01422,16530	20	
	50	8,98397,15053	21,73961	9,99797,36141	20392	8,98599,78912	21,94353	11,01400,21088	10	
32	0	8,98418,89014	21,72863	9,99797,15749	20403	8,98621,73265	21,93266	11,01378,26735	0	28
	10	8,98440,61877	21,71762	9,99796,95346	20413	8,98643,66531	21,92175	11,01356,33469	50	
	20	8,98462,33639	21,70670	9,99796,74933	20423	8,98665,58706	21,91093	11,01334,41294	40	
	30	8,98484,04309	21,69576	9,99796,54510	20433	8,98687,49799	21,90009	11,01312,50201	30	
	40	8,98505,73885	21,68481	9,99796,34077	20444	8,98709,39808	21,88925	11,01290,60192	20	
	50	8,98527,42366	21,67390	9,99796,13633	20454	8,98731,28733	21,87844	11,01268,71267	10	
33	0	8,98549,09756	21,66297	9,99795,93179	20464	8,98753,16577	21,86761	11,01246,83423	0	27
	10	8,98570,76053	21,65207	9,99795,72715	20475	8,98775,03338	21,85682	11,01224,96662	50	
	20	8,98592,41260	21,64120	9,99795,52240	20485	8,98796,89020	21,84605	11,01203,10980	40	
	30	8,98614,05380	21,63030	9,99795,31755	20495	8,98818,73625	21,83525	11,01181,26375	30	
	40	8,98635,68410	21,61943	9,99795,11260	20506	8,98840,57150	21,82449	11,01159,42850	20	
	50	8,98657,30353	21,60857	9,99794,90754	20516	8,98862,39599	21,81373	11,01137,60401	10	
34	0	8,98678,91210	21,59772	9,99794,70238	20526	8,98884,20972	21,80298	11,01115,79028	0	26
	10	8,98700,50982	21,58689	9,99794,49712	20537	8,98906,01270	21,79226	11,01093,98730	50	
	20	8,98722,09671	21,57608	9,99794,29175	20547	8,98927,80496	21,78155	11,01072,19504	40	
	30	8,98743,67279	21,56524	9,99794,08628	20557	8,98949,58651	21,77081	11,01050,41349	30	
	40	8,98765,23803	21,55445	9,99793,88071	20568	8,98971,35732	21,76013	11,01028,64268	20	
	50	8,98786,79248	21,54365	9,99793,67503	20578	8,98993,11745	21,74943	11,01006,88255	10	
35	0	8,98808,33613	21,53287	9,99793,46925	20588	8,99014,86688	21,73875	11,00985,13312	0	25
	10	8,98829,86900	21,52207	9,99793,26337	20598	8,99036,60563	21,72805	11,00963,39437	50	
	20	8,98851,39107	21,51133	9,99793,05739	20609	8,99058,33368	21,71742	11,00941,66632	40	
	30	8,98872,90240	21,50059	9,99792,85130	20619	8,99080,05110	21,70678	11,00919,94890	30	
	40	8,98894,40299	21,48985	9,99792,64511	20629	8,99101,75788	21,69614	11,00898,24212	20	
	50	8,98915,89284	21,47911	9,99792,43882	20640	8,99123,45402	21,68551	11,00876,54598	10	
36	0	8,98937,37195	21,46835	9,99792,23242	20650	8,99145,13953	21,67485	11,00854,86047	0	24
	10	8,98958,84030	21,45768	9,99792,02592	20660	8,99166,81438	21,66428	11,00833,18562	50	
	20	8,98980,29798	21,44699	9,99791,81932	20671	8,99188,47866	21,65370	11,00811,52134	40	
	30	8,99001,74497	21,43627	9,99791,61261	20681	8,99210,13236	21,64308	11,00789,86764	30	
	40	8,99023,18124	21,42565	9,99791,40580	20691	8,99231,77544	21,63256	11,00768,22456	20	
	50	8,99044,60689	21,41493	9,99791,19889	20701	8,99253,40800	21,62194	11,00746,59200	10	
37	0	8,99066,02182	21,40429	9,99790,99188	20712	8,99275,02994	21,61141	11,00724,97006	0	23
	10	8,99087,42611	21,39364	9,99790,78476	20722	8,99296,64135	21,60086	11,00703,35865	50	
	20	8,99108,81975	21,38302	9,99790,57754	20733	8,99318,24221	21,59035	11,00681,75779	40	
	30	8,99130,20277	21,37241	9,99790,37021	20743	8,99339,83256	21,57984	11,00660,16744	30	
	40	8,99151,57518	21,36175	9,99790,16278	20753	8,99361,41240	21,56928	11,00638,58760	20	
	50	8,99172,93693	21,35116	9,99789,95525	20763	8,99382,98168	21,55879	11,00617,01832	10	
38	0	8,99194,28809	21,34057	9,99789,74762	20774	8,99404,54047	21,54831	11,00595,45953	0	22
	10	8,99215,62866	21,32998	9,99789,53988	20784	8,99426,08878	21,53782	11,00573,91122	50	
	20	8,99236,95864	21,31942	9,99789,33204	20794	8,99447,62660	21,52736	11,00552,37340	40	
	30	8,99258,27806	21,30886	9,99789,12410	20804	8,99469,15396	21,51690	11,00530,84604	30	
	40	8,99279,58692	21,29831	9,99788,91606	20815	8,99490,67086	21,50646	11,00509,32914	20	
	50	8,99300,88523	21,28774	9,99788,70791	20825	8,99512,17732	21,49599	11,00487,82268	10	
39	0	8,99322,17297	21,27722	9,99788,49966	20835	8,99533,67331	21,48557	11,00466,32669	0	21
	10	8,99343,45019	21,26672	9,99788,29131	20846	8,99555,15888	21,47518	11,00444,84112	50	
	20	8,99364,71691	21,25618	9,99788,08285	20856	8,99576,63406	21,46474	11,00423,36594	40	
	30	8,99385,97309	21,24569	9,99787,87429	20866	8,99598,09880	21,45435	11,00401,90120	30	
	40	8,99407,21878	21,23519	9,99787,66563	20877	8,99619,55315	21,44396	11,00380,44685	20	
	50	8,99428,45397	21,22473	9,99787,45686	20887	8,99640,99711	21,43360	11,00359,00289	10	
40	0	8,99449,67870	21,21425	9,99787,24799	20897	8,99662,43071	21,42322	11,00337,56929	0	20
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
40	0	8,99449,67870	21,21425	9,99787,24799	20897	8,99662,43071	21,42322	11,00337,56929	0	20
	10	8,99470,89295	21,20380	9,99787,03902	20908	8,99683,85393	21,41288	11,00316,14607	50	
	20	8,99492,09675	21,19334	9,99786,82994	20918	8,99705,26681	21,40252	11,00294,73319	40	
	30	8,99513,29009	21,18292	9,99786,62076	20928	8,99726,66933	21,39220	11,00273,33067	30	
	40	8,99534,47301	21,17248	9,99786,41148	20939	8,99748,06153	21,38187	11,00251,93847	20	
	50	8,99555,64549	21,16206	9,99786,20209	20949	8,99769,44340	21,37155	11,00230,55660	10	
41	0	8,99576,80755	21,15163	9,99785,99260	20959	8,99790,81495	21,36122	11,00209,18505	0	19
	10	8,99597,95918	21,14127	9,99785,78301	20970	8,99812,17617	21,35097	11,00187,82383	50	
	20	8,99619,10045	21,13086	9,99785,57331	20980	8,99833,52714	21,34066	11,00166,47286	40	
	30	8,99640,23131	21,12047	9,99785,36351	20990	8,99854,86780	21,33037	11,00145,13220	30	
	40	8,99661,35178	21,11013	9,99785,15361	21000	8,99876,19817	21,32013	11,00123,80183	20	
	50	8,99682,46191	21,09975	9,99784,94361	21011	8,99897,51830	21,30986	11,00102,48170	10	
42	0	8,99703,56166	21,08941	9,99784,73350	21021	8,99918,82816	21,29962	11,00081,17184	0	18
	10	8,99724,65107	21,07907	9,99784,52329	21031	8,99940,12778	21,28938	11,00059,87222	50	
	20	8,99745,73014	21,06874	9,99784,31298	21042	8,99961,41716	21,27916	11,00038,58284	40	
	30	8,99766,79888	21,05843	9,99784,10256	21052	8,99982,69632	21,26895	11,00017,30368	30	
	40	8,99787,85731	21,04811	9,99783,89204	21062	9,00003,96527	21,25873	10,99996,03473	20	
	50	8,99808,90542	21,03780	9,99783,68142	21072	9,00025,22400	21,24852	10,99974,77600	10	
43	0	8,99829,94322	21,02754	9,99783,47070	21083	9,00046,47252	21,23837	10,99953,52748	0	17
	10	8,99850,97076	21,01723	9,99783,25987	21093	9,00067,71089	21,22816	10,99932,28911	50	
	20	8,99871,98799	21,00699	9,99783,04894	21103	9,00088,93905	21,21802	10,99911,06095	40	
	30	8,99892,99498	20,99672	9,99782,83791	21114	9,00110,15707	21,20786	10,99889,84293	30	
	40	8,99913,99170	20,98649	9,99782,62677	21124	9,00131,36493	21,19773	10,99868,63507	20	
	50	8,99934,97819	20,97624	9,99782,41553	21135	9,00152,56266	21,18759	10,99847,43734	10	
44	0	8,99955,95443	20,96601	9,99782,20418	21145	9,00173,75025	21,17746	10,99826,24975	0	16
	10	8,99976,92044	20,95580	9,99781,99273	21155	9,00194,92771	21,16735	10,99805,07229	50	
	20	8,99997,87624	20,94558	9,99781,78118	21166	9,00216,09506	21,15724	10,99783,90494	40	
	30	9,00018,82182	20,93537	9,99781,56952	21176	9,00237,25230	21,14713	10,99762,74770	30	
	40	9,00039,75719	20,92520	9,99781,35776	21186	9,00258,39943	21,13706	10,99741,60057	20	
	50	9,00060,68239	20,91502	9,99781,14590	21196	9,00279,53649	21,12698	10,99720,46351	10	
45	0	9,00081,59741	20,90484	9,99780,93394	21207	9,00300,66347	21,11691	10,99699,33653	0	15
	10	9,00102,50225	20,89470	9,99780,72187	21217	9,00321,78038	21,10687	10,99678,21962	50	
	20	9,00123,39695	20,88453	9,99780,50970	21227	9,00342,88725	21,09680	10,99657,11275	40	
	30	9,00144,28148	20,87438	9,99780,29743	21237	9,00363,98405	21,08675	10,99636,01595	30	
	40	9,00165,15586	20,86430	9,99780,08506	21248	9,00385,07080	21,07678	10,99614,92920	20	
	50	9,00186,02016	20,85412	9,99779,87258	21258	9,00406,14758	21,06670	10,99593,85242	10	
46	0	9,00206,87428	20,84402	9,99779,66000	21268	9,00427,21428	21,05670	10,99572,78572	0	14
	10	9,00227,71830	20,83395	9,99779,44732	21279	9,00448,27098	21,04674	10,99551,72902	50	
	20	9,00248,55225	20,82384	9,99779,23453	21289	9,00469,31772	21,03673	10,99530,68228	40	
	30	9,00269,37609	20,81377	9,99779,02164	21299	9,00490,35445	21,02676	10,99509,64555	30	
	40	9,00290,18986	20,80367	9,99778,80865	21310	9,00511,38121	21,01677	10,99488,61879	20	
	50	9,00310,99353	20,79362	9,99778,59555	21320	9,00532,39798	21,00682	10,99467,60202	10	
47	0	9,00331,78715	20,78356	9,99778,38235	21330	9,00553,40480	20,99686	10,99446,59520	0	13
	10	9,00352,57071	20,77353	9,99778,16905	21341	9,00574,40166	20,98694	10,99425,59834	50	
	20	9,00373,34424	20,76350	9,99777,95564	21351	9,00595,38860	20,97701	10,99404,61140	40	
	30	9,00394,10774	20,75345	9,99777,74213	21361	9,00616,36561	20,96706	10,99383,63439	30	
	40	9,00414,86119	20,74346	9,99777,52852	21372	9,00637,33267	20,95718	10,99362,66733	20	
	50	9,00435,60465	20,73346	9,99777,31480	21382	9,00658,28985	20,94728	10,99341,71015	10	
48	0	9,00456,33811	20,72345	9,99777,10098	21392	9,00679,23713	20,93737	10,99320,76287	0	12
	10	9,00477,06156	20,71345	9,99776,88706	21403	9,00700,17450	20,92748	10,99299,82550	50	
	20	9,00497,77501	20,70350	9,99776,67303	21413	9,00721,10198	20,91763	10,99278,89802	40	
	30	9,00518,47851	20,69354	9,99776,45890	21423	9,00742,01961	20,90777	10,99257,98039	30	
	40	9,00539,17205	20,68355	9,99776,24467	21433	9,00762,92738	20,89788	10,99237,07262	20	
	50	9,00559,85560	20,67363	9,99776,03034	21444	9,00783,82526	20,88807	10,99216,17474	10	
49	0	9,00580,52923	20,66369	9,99775,81590	21454	9,00804,71333	20,87823	10,99195,28667	0	11
	10	9,00601,19292	20,65371	9,99775,60136	21465	9,00825,59156	20,86836	10,99174,40844	50	
	20	9,00621,84663	20,64386	9,99775,38671	21475	9,00846,45992	20,85861	10,99153,54008	40	
	30	9,00642,49049	20,63391	9,99775,17196	21485	9,00867,31853	20,84876	10,99132,68147	30	
	40	9,00663,12440	20,62402	9,99774,95711	21495	9,00888,16729	20,83897	10,99111,83271	20	
	50	9,00683,74842	20,61414	9,99774,74216	21506	9,00909,00626	20,82920	10,99090,99374	10	
50	0	9,00704,36256	20,60423	9,99774,52710	21516	9,00929,83546	20,81939	10,99070,16454	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,00704,36256	20,60423	9,99774,52710	21516	9,00929,83546	20,81939	10,99070,16454	0	10
	10	9,00724,96679	20,59439	9,99774,31194	21526	9,00950,65485	20,80965	10,99049,34515	50	
	20	9,00745,56118	20,58450	9,99774,09668	21537	9,00971,46450	20,79987	10,99028,53550	40	
	30	9,00766,14568	20,57466	9,99773,88131	21547	9,00992,26437	20,79013	10,99007,73563	30	
	40	9,00786,72034	20,56479	9,99773,66584	21557	9,01013,05450	20,78036	10,98986,94550	20	
	50	9,00807,28513	20,55500	9,99773,45027	21568	9,01033,83486	20,77068	10,98966,16514	10	
51	0	9,00827,84013	20,54515	9,99773,23459	21578	9,01054,60554	20,76093	10,98945,39446	0	9
	10	9,00848,38528	20,53534	9,99773,01881	21588	9,01075,36647	20,75122	10,98924,63353	50	
	20	9,00868,92062	20,52553	9,99772,80293	21599	9,01096,11769	20,74152	10,98903,88231	40	
	30	9,00889,44615	20,51571	9,99772,58694	21609	9,01116,85921	20,73180	10,98883,14079	30	
	40	9,00909,96186	20,50594	9,99772,37085	21619	9,01137,59101	20,72213	10,98862,40899	20	
	50	9,00930,46780	20,49616	9,99772,15466	21629	9,01158,31314	20,71245	10,98841,68686	10	
52	0	9,00950,96396	20,48639	9,99771,93837	21640	9,01179,02559	20,70279	10,98820,97441	0	8
	10	9,00971,45035	20,47662	9,99771,72197	21650	9,01199,72838	20,69312	10,98800,27162	50	
	20	9,00991,92697	20,46687	9,99771,50547	21660	9,01220,42150	20,68347	10,98779,57850	40	
	30	9,01012,39384	20,45714	9,99771,28887	21671	9,01241,10497	20,67385	10,98758,89503	30	
	40	9,01032,85098	20,44738	9,99771,07216	21681	9,01261,77882	20,66419	10,98738,22118	20	
	50	9,01053,29836	20,43769	9,99770,85535	21691	9,01282,44301	20,65460	10,98717,55699	10	
53	0	9,01073,73605	20,42795	9,99770,63844	21702	9,01303,09761	20,64497	10,98696,90239	0	7
	10	9,01094,16400	20,41826	9,99770,42142	21712	9,01323,74258	20,63538	10,98676,25742	50	
	20	9,01114,58226	20,40855	9,99770,20430	21722	9,01344,37796	20,62577	10,98655,62204	40	
	30	9,01134,99081	20,39888	9,99769,98708	21733	9,01365,00373	20,61621	10,98634,99627	30	
	40	9,01155,38969	20,38918	9,99769,76975	21743	9,01385,61994	20,60661	10,98614,38006	20	
	50	9,01175,77887	20,37952	9,99769,55232	21753	9,01406,22655	20,59705	10,98593,77345	10	
54	0	9,01196,15839	20,36986	9,99769,33479	21764	9,01426,82360	20,58750	10,98573,17640	0	6
	10	9,01216,52825	20,36020	9,99769,11715	21774	9,01447,41110	20,57794	10,98552,58890	50	
	20	9,01236,88845	20,35057	9,99768,89941	21784	9,01467,98904	20,56841	10,98532,01096	40	
	30	9,01257,23902	20,34093	9,99768,68157	21794	9,01488,55745	20,55887	10,98511,44255	30	
	40	9,01277,57995	20,33129	9,99768,46363	21805	9,01509,11632	20,54934	10,98490,88368	20	
	50	9,01297,91124	20,32170	9,99768,24558	21815	9,01529,66566	20,53985	10,98470,33434	10	
55	0	9,01318,23294	20,31211	9,99768,02743	21826	9,01550,20551	20,53037	10,98449,79449	0	5
	10	9,01338,54505	20,30248	9,99767,80917	21836	9,01570,73588	20,52084	10,98429,26412	50	
	20	9,01358,84753	20,29290	9,99767,59081	21846	9,01591,25672	20,51136	10,98408,74328	40	
	30	9,01379,14043	20,28330	9,99767,37235	21856	9,01611,76808	20,50186	10,98388,23192	30	
	40	9,01399,42373	20,27375	9,99767,15379	21867	9,01632,26994	20,49242	10,98367,73006	20	
	50	9,01419,69748	20,26418	9,99766,93512	21877	9,01652,76236	20,48295	10,98347,23764	10	
56	0	9,01439,96166	20,25463	9,99766,71635	21887	9,01673,24531	20,47350	10,98326,75469	0	4
	10	9,01460,21629	20,24509	9,99766,49748	21898	9,01693,71881	20,46407	10,98306,28119	50	
	20	9,01480,46138	20,23556	9,99766,27850	21908	9,01714,18288	20,45464	10,98285,81712	40	
	30	9,01500,69694	20,22601	9,99766,05942	21918	9,01734,63752	20,44519	10,98265,36248	30	
	40	9,01520,92295	20,21652	9,99765,84024	21929	9,01755,08271	20,43581	10,98244,91729	20	
	50	9,01541,13947	20,20700	9,99765,62095	21939	9,01775,51852	20,42639	10,98224,48148	10	
57	0	9,01561,34647	20,19749	9,99765,40156	21949	9,01795,94491	20,41698	10,98204,05509	0	3
	10	9,01581,54396	20,18804	9,99765,18207	21960	9,01816,36189	20,40764	10,98183,63811	50	
	20	9,01601,73200	20,17851	9,99764,96247	21970	9,01836,76953	20,39821	10,98163,23047	40	
	30	9,01621,91051	20,16904	9,99764,74277	21980	9,01857,16774	20,38884	10,98142,83226	30	
	40	9,01642,07955	20,15962	9,99764,52297	21991	9,01877,55658	20,37953	10,98122,44342	20	
	50	9,01662,23917	20,15013	9,99764,30306	22001	9,01897,93611	20,37014	10,98102,06389	10	
58	0	9,01682,38930	20,14070	9,99764,08305	22011	9,01918,30625	20,36081	10,98081,69375	0	2
	10	9,01702,53000	20,13124	9,99763,86294	22022	9,01938,66706	20,35146	10,98061,33294	50	
	20	9,01722,66124	20,12182	9,99763,64272	22032	9,01959,01852	20,34214	10,98040,98148	40	
	30	9,01742,78306	20,11238	9,99763,42240	22042	9,01979,36066	20,33280	10,98020,63934	30	
	40	9,01762,89544	20,10302	9,99763,20198	22052	9,01999,69346	20,32354	10,98000,30654	20	
	50	9,01782,99846	20,09356	9,99762,98146	22063	9,02020,01700	20,31419	10,97979,98300	10	
59	0	9,01803,09202	20,08417	9,99762,76083	22073	9,02040,33119	20,30490	10,97959,66881	0	1
	10	9,01823,17619	20,07484	9,99762,54010	22084	9,02060,63609	20,29568	10,97939,36391	50	
	20	9,01843,25103	20,06542	9,99762,31926	22094	9,02080,93177	20,28636	10,97919,06823	40	
	30	9,01863,31645	20,05606	9,99762,09832	22104	9,02101,21813	20,27710	10,97898,78187	30	
	40	9,01883,37251	20,04671	9,99761,87728	22114	9,02121,49523	20,26785	10,97878,50477	20	
	50	9,01903,41922	20,03734	9,99761,65614	22125	9,02141,76308	20,25859	10,97858,23692	10	
60	0	9,01923,45656	20,02800	9,99761,43489	22135	9,02162,02167	20,24935	10,97837,97833	0	0
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,01923,45666	20,02800	9,99761,43489	22135	9,02162,02167	20,24935	10,97837,97833	0	60
	10	9,01943,40450	20,01868	9,99761,21354	22145	9,02182,27102	20,24013	10,97817,72898	50	
	20	9,01963,50324	20,00934	9,99760,99209	22156	9,02202,51115	20,23090	10,97797,48885	40	
	30	9,01983,51258	20,00004	9,99760,77053	22166	9,02222,74205	20,22170	10,97777,25795	30	
	40	9,02003,51262	19,99072	9,99760,54887	22176	9,02242,96375	20,21248	10,97757,03625	20	
	50	9,02023,50334	19,98142	9,99760,32711	22187	9,02263,17623	20,20329	10,97736,82377	10	
1	0	9,02043,48476	19,97211	9,99760,10524	22196	9,02283,37952	20,19407	10,97716,62048	0	59
	10	9,02063,45687	19,96286	9,99759,88328	22207	9,02303,57359	20,18493	10,97696,42641	50	
	20	9,02083,41973	19,95357	9,99759,66121	22218	9,02323,75852	20,17575	10,97676,24148	40	
	30	9,02103,37330	19,94430	9,99759,43903	22228	9,02343,93427	20,16658	10,97656,06573	30	
	40	9,02123,31760	19,93506	9,99759,21675	22238	9,02364,10085	20,15744	10,97635,89915	20	
	50	9,02143,25266	19,92581	9,99758,99437	22249	9,02384,25829	20,14830	10,97615,74171	10	
2	0	9,02163,17847	19,91656	9,99758,77188	22259	9,02404,40659	20,13915	10,97595,59341	0	58
	10	9,02183,09503	19,90733	9,99758,54929	22269	9,02424,54574	20,13002	10,97575,45426	50	
	20	9,02203,00236	19,89812	9,99758,32660	22280	9,02444,67576	20,12092	10,97555,32424	40	
	30	9,02222,90048	19,88890	9,99758,10380	22290	9,02464,79668	20,11180	10,97535,20332	30	
	40	9,02242,78938	19,87968	9,99757,88090	22300	9,02484,90848	20,10268	10,97515,09152	20	
	50	9,02262,66906	19,87049	9,99757,65790	22311	9,02505,01116	20,09360	10,97494,98884	10	
3	0	9,02282,53955	19,86131	9,99757,43479	22321	9,02525,10476	20,08452	10,97474,89524	0	57
	10	9,02302,40086	19,85211	9,99757,21158	22331	9,02545,18928	20,07542	10,97454,81072	50	
	20	9,02322,25297	19,84297	9,99756,98827	22342	9,02565,26470	20,06639	10,97434,73530	40	
	30	9,02342,09594	19,83379	9,99756,76485	22352	9,02585,33109	20,05731	10,97414,66891	30	
	40	9,02361,92973	19,82462	9,99756,54133	22362	9,02605,38840	20,04824	10,97394,61160	20	
	50	9,02381,75435	19,81547	9,99756,31771	22372	9,02625,43664	20,03919	10,97374,56336	10	
4	0	9,02401,56982	19,80633	9,99756,09399	22383	9,02645,47583	20,03016	10,97354,52417	0	56
	10	9,02421,37615	19,79722	9,99755,87016	22393	9,02665,50599	20,02115	10,97334,49401	50	
	20	9,02441,17337	19,78808	9,99755,64623	22403	9,02685,52714	20,01211	10,97314,47286	40	
	30	9,02460,96145	19,77897	9,99755,42220	22414	9,02705,53925	20,00311	10,97294,46075	30	
	40	9,02480,74042	19,76988	9,99755,19806	22424	9,02725,54236	19,99412	10,97274,45764	20	
	50	9,02500,51030	19,76078	9,99754,97382	22434	9,02745,53648	19,98512	10,97254,46352	10	
5	0	9,02520,27108	19,75169	9,99754,74948	22445	9,02765,52160	19,97614	10,97234,47840	0	55
	10	9,02540,02277	19,74259	9,99754,52503	22455	9,02785,49774	19,96714	10,97214,50226	50	
	20	9,02559,76536	19,73353	9,99754,30048	22465	9,02805,46488	19,95818	10,97194,53512	40	
	30	9,02579,49889	19,72446	9,99754,07583	22476	9,02825,42306	19,94922	10,97174,57694	30	
	40	9,02599,22335	19,71540	9,99753,85107	22486	9,02845,37228	19,94026	10,97154,62772	20	
	50	9,02618,93875	19,70637	9,99753,62621	22496	9,02865,31254	19,93133	10,97134,68746	10	
6	0	9,02638,64512	19,69732	9,99753,40125	22507	9,02885,24387	19,92239	10,97114,75613	0	54
	10	9,02658,34244	19,68829	9,99753,17618	22517	9,02905,16626	19,91346	10,97094,83374	50	
	20	9,02678,03073	19,67926	9,99752,95101	22527	9,02925,07972	19,90453	10,97074,92028	40	
	30	9,02697,70999	19,67023	9,99752,72574	22538	9,02944,98425	19,89561	10,97055,01575	30	
	40	9,02717,38022	19,66124	9,99752,50036	22548	9,02964,87986	19,88672	10,97035,12014	20	
	50	9,02737,04146	19,65225	9,99752,27488	22558	9,02984,76658	19,87783	10,97015,23342	10	
7	0	9,02756,69371	19,64326	9,99752,04930	22569	9,03004,64441	19,86895	10,96995,35559	0	53
	10	9,02776,33697	19,63425	9,99751,82361	22579	9,03024,51336	19,86004	10,96975,48664	50	
	20	9,02795,97122	19,62531	9,99751,59782	22589	9,03044,37340	19,85120	10,96955,62660	40	
	30	9,02815,59653	19,61634	9,99751,37193	22600	9,03064,22460	19,84234	10,96935,77540	30	
	40	9,02835,21287	19,60736	9,99751,14593	22610	9,03084,06694	19,83346	10,96915,93306	20	
	50	9,02854,82023	19,59842	9,99750,91983	22620	9,03103,90040	19,82462	10,96896,09960	10	
8	0	9,02874,41865	19,58946	9,99750,69363	22631	9,03123,72502	19,81577	10,96876,27498	0	52
	10	9,02894,00811	19,58055	9,99750,46732	22641	9,03143,54079	19,80696	10,96856,45921	50	
	20	9,02913,58866	19,57163	9,99750,24091	22651	9,03163,34775	19,79814	10,96836,65225	40	
	30	9,02933,16029	19,56269	9,99750,01440	22661	9,03183,14589	19,78930	10,96816,85411	30	
	40	9,02952,72298	19,55380	9,99749,78779	22672	9,03202,93519	19,78052	10,96797,06481	20	
	50	9,02972,27678	19,54488	9,99749,56107	22682	9,03222,71571	19,77170	10,96777,28429	10	
9	0	9,02991,82166	19,53599	9,99749,33425	22692	9,03242,48741	19,76291	10,96757,51359	0	51
	10	9,03011,35765	19,52711	9,99749,10733	22703	9,03262,25032	19,75414	10,96737,74968	50	
	20	9,03030,88476	19,51821	9,99748,88030	22713	9,03282,00446	19,74534	10,96717,99554	40	
	30	9,03050,40297	19,50937	9,99748,65317	22724	9,03301,74980	19,73661	10,96698,25020	30	
	40	9,03069,91234	19,50051	9,99748,42593	22734	9,03321,48641	19,72785	10,96678,51359	20	
	50	9,03089,41285	19,49164	9,99748,19859	22744	9,03341,21426	19,71908	10,96658,78574	10	
10	0	9,03108,90449	19,48280	9,99747,97115	22755	9,03360,93334	19,71035	10,96639,06666	0	50
		Sin. Compl.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	9,03108,90449	19,48280	9,99747,97115	22755	9,03360,93334	19,71035	10,96639,06666	0	50
	10	9,03128,38729		9,99747,74360		9,03380,64369		10,96619,35631	50	
	20	9,03147,86124	19,47395	9,99747,51595	22765	9,03400,34529	19,70160	10,96599,65471	40	
	30	9,03167,32638	19,46514	9,99747,28820	22775	9,03420,03818	19,69289	10,96579,96182	30	
	40	9,03186,78268	19,45630	9,99747,06035	22785	9,03439,72233	19,68415	10,96560,27767	20	
	50	9,03206,23018	19,44750	9,99746,83239	22796	9,03459,39779	19,67546	10,96540,60221	10	
11	0	9,03225,66885	19,43867	9,99746,60433	22806	9,03479,06452	19,66673	10,96520,93548	0	49
	10	9,03245,09874	19,42989	9,99746,37617	22816	9,03498,72257	19,65805	10,96501,27743	50	
	20	9,03264,51982	19,42108	9,99746,14790	22827	9,03518,37192	19,64935	10,96481,62808	40	
	30	9,03283,93214	19,41232	9,99745,91953	22837	9,03538,01261	19,64069	10,96461,98739	30	
	40	9,03303,33568	19,40354	9,99745,69105	22848	9,03557,64463	19,63202	10,96442,35537	20	
	50	9,03322,73046	19,39478	9,99745,46247	22858	9,03577,26799	19,62336	10,96422,73201	10	
12	0	9,03342,11647	19,38601	9,99745,23379	22868	9,03596,88268	19,61469	10,96403,11732	0	48
	10	9,03361,49371	19,37724	9,99745,00501	22878	9,03616,48870	19,60602	10,96383,51130	50	
	20	9,03380,86224	19,36853	9,99744,77612	22889	9,03636,08612	19,59742	10,96363,91388	40	
	30	9,03400,22201	19,35977	9,99744,54713	22899	9,03655,67488	19,58876	10,96344,32512	30	
	40	9,03419,57306	19,35105	9,99744,31804	22909	9,03675,25502	19,58014	10,96324,74498	20	
	50	9,03438,91536	19,34230	9,99744,08884	22920	9,03694,82652	19,57150	10,96305,17348	10	
13	0	9,03458,24900	19,33364	9,99743,85954	22930	9,03714,38946	19,56294	10,96285,61054	0	47
	10	9,03477,57393	19,32493	9,99743,63013	22941	9,03733,94380	19,55434	10,96266,05620	50	
	20	9,03496,89015	19,31622	9,99743,40062	22951	9,03753,48953	19,54573	10,96246,51047	40	
	30	9,03516,19766	19,30751	9,99743,17101	22961	9,03773,02665	19,53712	10,96226,97335	30	
	40	9,03535,49649	19,29883	9,99742,94130	22971	9,03792,55519	19,52854	10,96207,44481	20	
	50	9,03554,78667	19,29018	9,99742,71148	22982	9,03812,07519	19,52000	10,96187,92481	10	
14	0	9,03574,06816	19,28149	9,99742,48156	22992	9,03831,58660	19,51141	10,96168,41340	0	46
	10	9,03593,34101	19,27285	9,99742,25154	23002	9,03851,08947	19,50287	10,96148,91053	50	
	20	9,03612,60521	19,26420	9,99742,02141	23013	9,03870,58380	19,49433	10,96129,41620	40	
	30	9,03631,86075	19,25554	9,99741,79118	23023	9,03890,06957	19,48577	10,96109,93043	30	
	40	9,03651,10765	19,24690	9,99741,56085	23033	9,03909,54680	19,47723	10,96090,45320	20	
	50	9,03670,34594	19,23829	9,99741,33041	23044	9,03929,01553	19,46873	10,96070,98447	10	
15	0	9,03689,57561	19,22967	9,99741,09987	23054	9,03948,47574	19,46021	10,96051,52426	0	45
	10	9,03708,79666	19,22105	9,99740,86923	23064	9,03967,92743	19,45169	10,96032,07257	50	
	20	9,03728,00913	19,21247	9,99740,63848	23075	9,03987,37065	19,44322	10,96012,62935	40	
	30	9,03747,21296	19,20383	9,99740,40763	23085	9,04006,80533	19,43468	10,95993,19467	30	
	40	9,03766,40822	19,19526	9,99740,17668	23095	9,04026,23154	19,42621	10,95973,76846	20	
	50	9,03785,59490	19,18668	9,99739,94562	23106	9,04045,64928	19,41774	10,95954,35072	10	
16	0	9,03804,77301	19,17811	9,99739,71446	23116	9,04065,05855	19,40927	10,95934,94145	0	44
	10	9,03823,94254	19,16953	9,99739,48320	23126	9,04084,45934	19,40079	10,95915,54066	50	
	20	9,03843,10351	19,16097	9,99739,25183	23137	9,04103,85168	19,39234	10,95896,14832	40	
	30	9,03862,25594	19,15243	9,99739,02036	23147	9,04123,23558	19,38390	10,95876,76442	30	
	40	9,03881,39980	19,14386	9,99738,78879	23157	9,04142,61101	19,37543	10,95857,38899	20	
	50	9,03900,53514	19,13534	9,99738,55711	23168	9,04161,97803	19,36702	10,95838,02197	10	
17	0	9,03919,66196	19,12682	9,99738,32533	23178	9,04181,33663	19,35860	10,95818,66337	0	43
	10	9,03938,78025	19,11829	9,99738,09345	23188	9,04200,68680	19,35017	10,95799,31320	50	
	20	9,03957,89002	19,10977	9,99737,86146	23199	9,04220,02856	19,34176	10,95779,97144	40	
	30	9,03976,99130	19,10128	9,99737,62937	23209	9,04239,36193	19,33337	10,95760,63807	30	
	40	9,03996,08408	19,09278	9,99737,39718	23219	9,04258,68690	19,32497	10,95741,31310	20	
	50	9,04015,16834	19,08426	9,99737,16488	23230	9,04278,00346	19,31656	10,95721,99654	10	
18	0	9,04034,24415	19,07581	9,99736,93248	23240	9,04297,31167	19,30821	10,95702,68833	0	42
	10	9,04053,31146	19,06731	9,99736,69999	23249	9,04316,61147	19,29980	10,95683,38853	50	
	20	9,04072,37032	19,05886	9,99736,46738	23261	9,04335,90294	19,29147	10,95664,09706	40	
	30	9,04091,42069	19,05037	9,99736,23467	23271	9,04355,18602	19,28308	10,95644,81398	30	
	40	9,04110,46262	19,04193	9,99736,00186	23281	9,04374,46076	19,27474	10,95625,53924	20	
	50	9,04129,49611	19,03349	9,99735,76894	23292	9,04393,72717	19,26641	10,95606,27283	10	
19	0	9,04148,52114	19,02503	9,99735,53592	23302	9,04412,98522	19,25805	10,95587,01478	0	41
	10	9,04167,53774	19,01660	9,99735,30280	23312	9,04432,23494	19,24972	10,95567,76506	50	
	20	9,04186,54594	19,00820	9,99735,06957	23323	9,04451,47637	19,24143	10,95548,52363	40	
	30	9,04205,54570	18,99976	9,99734,83624	23333	9,04470,70946	19,23309	10,95529,29054	30	
	40	9,04224,53705	18,99135	9,99734,60281	23343	9,04489,93424	19,22478	10,95510,06576	20	
	50	9,04243,52001	18,98296	9,99734,36927	23354	9,04509,15074	19,21650	10,95490,84926	10	
20	0	9,04262,49456	18,97455	9,99734,13563	23364	9,04528,35893	19,20819	10,95471,64107	0	40
		Sin. Compl.	18,96616	SINVVM	23374	Tang.compl	19,19990	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	9,04262,49456	18,96616	9,99734,13563	23374	9,04528,35893	19,19990	10,95471,64107	0	40
	10	9,04281,46072	18,95781	9,99733,90189	23385	9,04547,55883	19,19166	10,95452,44117	50	
	20	9,04300,41853	18,94940	9,99733,66804	23395	9,04566,75049	19,18335	10,95433,24951	40	
	30	9,04319,36793	18,94103	9,99733,43409	23405	9,04585,93384	19,17508	10,95414,06616	30	
	40	9,04338,30896	18,93271	9,99733,20004	23416	9,04605,10892	19,16687	10,95394,89108	20	
	50	9,04357,24167	18,92433	9,99732,96588	23426	9,04624,27579	19,15859	10,95375,72421	10	
21	0	9,04376,16600	18,91598	9,99732,73162	23436	9,04643,43438	19,15034	10,95356,56562	0	39
	10	9,04395,08198	18,90767	9,99732,49726	23447	9,04662,58472	19,14214	10,95337,41528	50	
	20	9,04413,98965	18,89931	9,99732,26279	23457	9,04681,72686	19,13388	10,95318,27314	40	
	30	9,04432,88896	18,89099	9,99732,02822	23467	9,04700,86074	19,12566	10,95299,13926	30	
	40	9,04451,77995	18,88271	9,99731,79355	23478	9,04719,98640	19,11749	10,95280,01360	20	
	50	9,04470,66266	18,87436	9,99731,55877	23488	9,04739,10389	19,10924	10,95260,89611	10	
22	0	9,04489,53702	18,86607	9,99731,32389	23498	9,04758,21313	19,10105	10,95241,78687	0	38
	10	9,04508,40309	18,85779	9,99731,08891	23509	9,04777,31418	19,09288	10,95222,68582	50	
	20	9,04527,26088	18,84949	9,99730,85382	23519	9,04796,40706	19,08468	10,95203,59294	40	
	30	9,04546,11037	18,84121	9,99730,61863	23529	9,04815,49174	19,07650	10,95184,50826	30	
	40	9,04564,95158	18,83295	9,99730,38334	23540	9,04834,56824	19,06835	10,95165,43176	20	
	50	9,04583,78453	18,82467	9,99730,14794	23550	9,04853,63659	19,06017	10,95146,36341	10	
23	0	9,04602,60920	18,81643	9,99729,91244	23560	9,04872,69676	19,05203	10,95127,30324	0	37
	10	9,04621,42563	18,80815	9,99729,67684	23571	9,04891,74879	19,04386	10,95108,25121	50	
	20	9,04640,23378	18,79993	9,99729,44113	23581	9,04910,79265	19,03574	10,95089,20735	40	
	30	9,04659,03371	18,79168	9,99729,20532	23591	9,04929,82839	19,02759	10,95070,17161	30	
	40	9,04677,82539	18,78348	9,99728,96941	23602	9,04948,85598	19,01950	10,95051,14402	20	
	50	9,04696,60887	18,77522	9,99728,73339	23612	9,04967,87548	19,01134	10,95032,12452	10	
24	0	9,04715,38409	18,76701	9,99728,49727	23622	9,04986,88682	19,00323	10,95013,11318	0	36
	10	9,04734,15110	18,75881	9,99728,26105	23633	9,05005,89005	18,99514	10,94994,10995	50	
	20	9,04752,90991	18,75062	9,99728,02472	23643	9,05024,88519	18,98705	10,94975,11481	40	
	30	9,04771,66053	18,74240	9,99727,78829	23653	9,05043,87224	18,97893	10,94956,12776	30	
	40	9,04790,40293	18,73423	9,99727,55176	23664	9,05062,85117	18,97087	10,94937,14883	20	
	50	9,04809,13716	18,72606	9,99727,31512	23674	9,05081,82204	18,96280	10,94918,17796	10	
25	0	9,04827,86322	18,71786	9,99727,07838	23684	9,05100,78484	18,95470	10,94899,21516	0	35
	10	9,04846,58108	18,70972	9,99726,84154	23695	9,05119,73954	18,94667	10,94880,26046	50	
	20	9,04865,29080	18,70155	9,99726,60459	23705	9,05138,68621	18,93860	10,94861,31379	40	
	30	9,04883,99235	18,69340	9,99726,36754	23715	9,05157,62481	18,93055	10,94842,37519	30	
	40	9,04902,68575	18,68525	9,99726,13039	23726	9,05176,55536	18,92251	10,94823,44464	20	
	50	9,04921,37100	18,67712	9,99725,89313	23736	9,05195,47787	18,91448	10,94804,52213	10	
26	0	9,04940,04812	18,66896	9,99725,65577	23746	9,05214,39235	18,90642	10,94785,60765	0	34
	10	9,04958,71708	18,66087	9,99725,41831	23757	9,05233,29877	18,89844	10,94766,70123	50	
	20	9,04977,37795	18,65276	9,99725,18074	23767	9,05252,19721	18,89043	10,94747,80279	40	
	30	9,04996,03071	18,64463	9,99724,94307	23778	9,05271,08764	18,88241	10,94728,91236	30	
	40	9,05014,67534	18,63654	9,99724,70529	23788	9,05289,97005	18,87442	10,94710,02995	20	
	50	9,05033,31188	18,62844	9,99724,46741	23798	9,05308,84447	18,86642	10,94691,15553	10	
27	0	9,05051,94032	18,62035	9,99724,22943	23808	9,05327,71089	18,85843	10,94672,28911	0	33
	10	9,05070,56067	18,61226	9,99723,99135	23819	9,05346,56932	18,85045	10,94653,43068	50	
	20	9,05089,17293	18,60419	9,99723,75316	23829	9,05365,41977	18,84248	10,94634,58023	40	
	30	9,05107,77712	18,59611	9,99723,51487	23839	9,05384,26225	18,83450	10,94615,73775	30	
	40	9,05126,37323	18,58806	9,99723,27648	23850	9,05403,09675	18,82656	10,94596,90325	20	
	50	9,05144,96129	18,58001	9,99723,03798	23860	9,05421,92331	18,81861	10,94578,07669	10	
28	0	9,05163,54130	18,57197	9,99722,79938	23871	9,05440,74192	18,81068	10,94559,25808	0	32
	10	9,05182,11327	18,56392	9,99722,56067	23881	9,05459,55260	18,80273	10,94540,44740	50	
	20	9,05200,67719	18,55589	9,99722,32186	23891	9,05478,35533	18,79480	10,94521,64467	40	
	30	9,05219,23308	18,54785	9,99722,08295	23901	9,05497,15013	18,78686	10,94502,84987	30	
	40	9,05237,78093	18,53984	9,99721,84394	23912	9,05515,93699	18,77896	10,94484,06301	20	
	50	9,05256,32077	18,53182	9,99721,60482	23922	9,05534,71595	18,77104	10,94465,28405	10	
29	0	9,05274,85259	18,52382	9,99721,36560	23932	9,05553,48699	18,76314	10,94446,51301	0	31
	10	9,05293,37641	18,51580	9,99721,12628	23943	9,05572,25013	18,75523	10,94427,74987	50	
	20	9,05311,89221	18,50783	9,99720,88685	23953	9,05591,00536	18,74736	10,94408,99464	40	
	30	9,05330,40004	18,49984	9,99720,64732	23964	9,05609,75272	18,73948	10,94390,24728	30	
	40	9,05348,89988	18,49186	9,99720,40768	23974	9,05628,49220	18,73160	10,94371,50780	20	
	50	9,05367,39174	18,48389	9,99720,16794	23984	9,05647,22380	18,72373	10,94352,77620	10	
30	0	9,05385,87563		9,99719,92810		9,05665,94753		10,94334,05247	0	30
		Sin. Compl.	18,47591	SINVVM	23995	Tang.compl	18,71586	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,05385,87563	18,47591	9,99719,92810	23995	9,05665,94753	18,71586	10,94334,05247	0	30
	10	9,05404,35154	18,46796	9,99719,68815	24005	9,05684,66339	18,70801	10,94315,33661	50	
	20	9,05422,81950	18,46003	9,99719,44810	24015	9,05703,37140	18,70018	10,94296,62860	40	
	30	9,05441,27953	18,45207	9,99719,20795	24026	9,05722,07158	18,69233	10,94277,92842	30	
	40	9,05459,73160	18,44413	9,99718,96769	24036	9,05740,76391	18,68449	10,94259,23609	20	
	50	9,05478,17573	18,43619	9,99718,72733	24046	9,05759,44840	18,67665	10,94240,55160	10	
31	0	9,05496,61192	18,42828	9,99718,48687	24056	9,05778,12505	18,66884	10,94221,87495	0	29
	10	9,05515,04020	18,42034	9,99718,24631	24067	9,05796,79389	18,66101	10,94203,20611	50	
	20	9,05533,46054	18,41244	9,99718,00564	24077	9,05815,45490	18,65321	10,94184,54510	40	
	30	9,05551,87298	18,40453	9,99717,76487	24088	9,05834,10811	18,64541	10,94165,89189	30	
	40	9,05570,27751	18,39663	9,99717,52399	24098	9,05852,75352	18,63761	10,94147,24648	20	
	50	9,05588,67414	18,38875	9,99717,28301	24108	9,05871,39113	18,62983	10,94128,60887	10	
32	0	9,05607,06289	18,38088	9,99717,04193	24119	9,05890,02096	18,62207	10,94109,97904	0	28
	10	9,05625,44377	18,37300	9,99716,80074	24129	9,05908,64303	18,61429	10,94091,35697	50	
	20	9,05643,81677	18,36510	9,99716,55945	24139	9,05927,25732	18,60649	10,94072,74268	40	
	30	9,05662,18187	18,35724	9,99716,31806	24150	9,05945,86381	18,59874	10,94054,13619	30	
	40	9,05680,53911	18,34940	9,99716,07656	24160	9,05964,46255	18,59100	10,94035,53745	20	
	50	9,05698,88851	18,34152	9,99715,83496	24170	9,05983,05355	18,58322	10,94016,94645	10	
33	0	9,05717,23003	18,33369	9,99715,59326	24181	9,06001,63677	18,57550	10,93998,36323	0	27
	10	9,05735,56372	18,32584	9,99715,35145	24191	9,06020,21227	18,56775	10,93979,78773	50	
	20	9,05753,88956	18,31803	9,99715,10954	24201	9,06038,78002	18,56004	10,93961,21998	40	
	30	9,05772,20759	18,31021	9,99714,86753	24212	9,06057,34006	18,55233	10,93942,65994	30	
	40	9,05790,51780	18,30237	9,99714,62541	24222	9,06075,89239	18,54459	10,93924,10761	20	
	50	9,05808,82017	18,29456	9,99714,38319	24232	9,06094,43698	18,53688	10,93905,56302	10	
34	0	9,05827,11473	18,28677	9,99714,14087	24243	9,06112,97386	18,52920	10,93887,02614	0	26
	10	9,05845,40150	18,27897	9,99713,89844	24253	9,06131,50306	18,52150	10,93868,49694	50	
	20	9,05863,68047	18,27118	9,99713,65591	24264	9,06150,02456	18,51382	10,93849,97544	40	
	30	9,05881,95165	18,26339	9,99713,41327	24274	9,06168,53838	18,50613	10,93831,46162	30	
	40	9,05900,21504	18,25560	9,99713,17053	24284	9,06187,04451	18,49844	10,93812,95549	20	
	50	9,05918,47064	18,24782	9,99712,92769	24294	9,06205,54295	18,49076	10,93794,45705	10	
35	0	9,05936,71846	18,24006	9,99712,68475	24305	9,06224,03371	18,48311	10,93775,96629	0	25
	10	9,05954,95852	18,23231	9,99712,44170	24315	9,06242,51682	18,47546	10,93757,48318	50	
	20	9,05973,19083	18,22454	9,99712,19855	24325	9,06260,99228	18,46779	10,93739,00772	40	
	30	9,05991,41537	18,21679	9,99711,95530	24336	9,06279,46007	18,46015	10,93720,53993	30	
	40	9,06009,63216	18,20909	9,99711,71194	24346	9,06297,92022	18,45255	10,93702,07978	20	
	50	9,06027,84125	18,20135	9,99711,46848	24357	9,06316,37277	18,44492	10,93683,62723	10	
36	0	9,06046,04260	18,19361	9,99711,22491	24367	9,06334,81769	18,43728	10,93665,18231	0	24
	10	9,06064,23621	18,18588	9,99710,98124	24377	9,06353,25497	18,42965	10,93646,74503	50	
	20	9,06082,42209	18,17817	9,99710,73747	24387	9,06371,68462	18,42204	10,93628,31538	40	
	30	9,06100,60026	18,17046	9,99710,49360	24398	9,06390,10666	18,41444	10,93609,89334	30	
	40	9,06118,77072	18,16276	9,99710,24962	24408	9,06408,52110	18,40684	10,93591,47890	20	
	50	9,06136,93348	18,15508	9,99710,00554	24419	9,06426,92794	18,39927	10,93573,07206	10	
37	0	9,06155,08856	18,14737	9,99709,76135	24429	9,06445,32721	18,39166	10,93554,67279	0	23
	10	9,06173,23593	18,13970	9,99709,51706	24439	9,06463,71887	18,38409	10,93536,28113	50	
	20	9,06191,37563	18,13202	9,99709,27267	24450	9,06482,10296	18,37652	10,93517,89704	40	
	30	9,06209,50765	18,12436	9,99709,02817	24460	9,06500,47948	18,36896	10,93499,52052	30	
	40	9,06227,63201	18,11669	9,99708,78357	24470	9,06518,84844	18,36139	10,93481,15156	20	
	50	9,06245,74870	18,10903	9,99708,53887	24481	9,06537,20983	18,35384	10,93462,79017	10	
38	0	9,06263,85773	18,10139	9,99708,29406	24491	9,06555,56367	18,34630	10,93444,43633	0	22
	10	9,06281,95912	18,09375	9,99708,04915	24501	9,06573,90997	18,33876	10,93426,09003	50	
	20	9,06300,05287	18,08611	9,99707,80414	24512	9,06592,24873	18,33123	10,93407,75127	40	
	30	9,06318,13898	18,07848	9,99707,55902	24522	9,06610,57996	18,32370	10,93389,42004	30	
	40	9,06336,21746	18,07084	9,99707,31380	24532	9,06628,90366	18,31616	10,93371,09634	20	
	50	9,06354,28830	18,06323	9,99707,06848	24543	9,06647,21982	18,30866	10,93352,78018	10	
39	0	9,06372,35153	18,05562	9,99706,82305	24553	9,06665,52848	18,30115	10,93334,47152	0	21
	10	9,06390,40715	18,04800	9,99706,57752	24564	9,06683,82963	18,29364	10,93316,17037	50	
	20	9,06408,45515	18,04042	9,99706,33188	24574	9,06702,12327	18,28616	10,93297,87673	40	
	30	9,06426,49557	18,03282	9,99706,08614	24584	9,06720,40943	18,27866	10,93279,59057	30	
	40	9,06444,52839	18,02523	9,99705,84030	24594	9,06738,68809	18,27117	10,93261,31191	20	
	50	9,06462,55362	18,01766	9,99705,59436	24605	9,06756,95926	18,26371	10,93243,04074	10	
40	0	9,06480,57128	18,01008	9,99705,34831	24615	9,06775,22297	18,25623	10,93224,77703	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,06480,57128	18,01008	9,99705,34831	24615	9,06775,22297	18,25623	10,93224,77703	0	20
	10	9,06498,58136	18,00252	9,99705,10216	24625	9,06793,47920	18,24877	10,93206,52080	50	
	20	9,06516,58388	17,99494	9,99704,85591	24636	9,06811,72797	18,24130	10,93188,27203	40	
	30	9,06534,57882	17,98740	9,99704,60955	24646	9,06829,96927	18,23386	10,93170,03073	30	
	40	9,06552,56622	17,97984	9,99704,36309	24657	9,06848,20313	18,22641	10,93151,79687	20	
	50	9,06570,54606	17,97231	9,99704,11652	24667	9,06866,42954	18,21898	10,93133,57046	10	
41	0	9,06588,51837	17,96475	9,99703,86985	24677	9,06884,64852	18,21152	10,93115,35148	0	19
	10	9,06606,48312	17,95725	9,99703,62308	24688	9,06902,86004	18,20413	10,93097,13996	50	
	20	9,06624,44037	17,94973	9,99703,37620	24698	9,06921,06417	18,19671	10,93078,93583	40	
	30	9,06642,39010	17,94220	9,99703,12922	24708	9,06939,26088	18,18928	10,93060,73912	30	
	40	9,06660,33230	17,93469	9,99702,88214	24719	9,06957,45016	18,18188	10,93042,54984	20	
	50	9,06678,26699	17,92717	9,99702,63495	24729	9,06975,63204	18,17446	10,93024,36796	10	
42	0	9,06696,19416	17,91968	9,99702,38766	24739	9,06993,80650	18,16707	10,93006,19350	0	18
	10	9,06714,11384	17,91219	9,99702,14027	24750	9,07011,97357	18,15969	10,92988,02643	50	
	20	9,06732,02603	17,90470	9,99701,89277	24760	9,07030,13326	18,15230	10,92969,86674	40	
	30	9,06749,93073	17,89722	9,99701,64517	24770	9,07048,28556	18,14492	10,92951,71444	30	
	40	9,06767,82795	17,88974	9,99701,39747	24781	9,07066,43048	18,13755	10,92933,56952	20	
	50	9,06785,71769	17,88228	9,99701,14966	24791	9,07084,56803	18,13019	10,92915,43197	10	
43	0	9,06803,59997	17,87480	9,99700,90175	24801	9,07102,69822	18,12281	10,92897,30178	0	17
	10	9,06821,4[illegible]477	17,86737	9,99700,65374	24812	9,07120,82103	18,11549	10,92879,17897	50	
	20	9,06839,34214	17,85991	9,99700,40562	24822	9,07138,93652	18,10813	10,92861,06348	40	
	30	9,06857,20205	17,85247	9,99700,15740	24833	9,07157,04465	18,10080	10,92842,95535	30	
	40	9,06875,05452	17,84503	9,99699,90907	24843	9,07175,14545	18,09346	10,92824,85455	20	
	50	9,06892,89955	17,83760	9,99699,66064	24853	9,07193,23891	18,08613	10,92806,76109	10	
44	0	9,06910,73715	17,83017	9,99699,41211	24863	9,07211,32504	18,07880	10,92788,67496	0	16
	10	9,06928,56732	17,82276	9,99699,16348	24874	9,07229,40384	18,07150	10,92770,59616	50	
	20	9,06946,39008	17,81533	9,99698,91474	24884	9,07247,47534	18,06417	10,92752,52466	40	
	30	9,06964,20541	17,80794	9,99698,66590	24895	9,07265,53951	18,05689	10,92734,46049	30	
	40	9,06982,01335	17,80053	9,99698,41695	24905	9,07283,59640	18,04958	10,92716,40360	20	
	50	9,06999,81388	17,79315	9,99698,16790	24915	9,07301,64598	18,04230	10,92698,35402	10	
45	0	9,07017,60703	17,78575	9,99697,91875	24926	9,07319,68828	18,03501	10,92680,31172	0	15
	10	9,07035,39278	17,77836	9,99697,66949	24936	9,07337,72329	18,02772	10,92662,27671	50	
	20	9,07053,17114	17,77098	9,99697,42013	24946	9,07355,75101	18,02044	10,92644,24899	40	
	30	9,07070,94212	17,76361	9,99697,17067	24957	9,07373,77145	18,01318	10,92626,22855	30	
	40	9,07088,70573	17,75627	9,99696,92110	24967	9,07391,78463	18,00594	10,92608,21537	20	
	50	9,07106,46200	17,74889	9,99696,67143	24977	9,07409,79057	17,99865	10,92590,20943	10	
46	0	9,07124,21089	17,74154	9,99696,42166	24988	9,07427,78922	17,99143	10,92572,21078	0	14
	10	9,07141,95243	17,73419	9,99696,17178	24998	9,07445,78065	17,98417	10,92554,21935	50	
	20	9,07159,68662	17,72684	9,99695,92180	25008	9,07463,76482	17,97692	10,92536,23518	40	
	30	9,07177,41346	17,71951	9,99695,67172	25019	9,07481,74174	17,96970	10,92518,25826	30	
	40	9,07195,13297	17,71220	9,99695,42153	25029	9,07499,71144	17,96249	10,92500,28856	20	
	50	9,07212,84517	17,70487	9,99695,17124	25040	9,07517,67393	17,95527	10,92482,32607	10	
47	0	9,07230,55004	17,69756	9,99694,92084	25050	9,07535,62920	17,94806	10,92464,37080	0	13
	10	9,07248,24760	17,69022	9,99694,67034	25060	9,07553,57726	17,94082	10,92446,42274	50	
	20	9,07265,93782	17,68293	9,99694,41974	25070	9,07571,51808	17,93363	10,92428,48192	40	
	30	9,07283,62075	17,67565	9,99694,16904	25081	9,07589,45171	17,92646	10,92410,54829	30	
	40	9,07301,29640	17,66833	9,99693,91823	25091	9,07607,37817	17,91924	10,92392,62183	20	
	50	9,07318,96473	17,66107	9,99693,66732	25102	9,07625,29741	17,91209	10,92374,70259	10	
48	0	9,07336,62580	17,65376	9,99693,41630	25112	9,07643,20950	17,90488	10,92356,79050	0	12
	10	9,07354,27956	17,64649	9,99693,16518	25122	9,07661,11438	17,89771	10,92338,88562	50	
	20	9,07371,92605	17,63924	9,99692,91396	25133	9,07679,01209	17,89057	10,92320,98791	40	
	30	9,07389,56529	17,63197	9,99692,66263	25143	9,07696,90266	17,88340	10,92303,09734	30	
	40	9,07407,19726	17,62471	9,99692,41120	25153	9,07714,78606	17,87624	10,92285,21394	20	
	50	9,07424,82197	17,61744	9,99692,15967	25164	9,07732,66230	17,86908	10,92267,33770	10	
49	0	9,07442,43941	17,61022	9,99691,90803	25174	9,07750,53138	17,86196	10,92249,46862	0	11
	10	9,07460,04963	17,60297	9,99691,65629	25184	9,07768,39334	17,85481	10,92231,60666	50	
	20	9,07477,65260	17,59573	9,99691,40445	25195	9,07786,24815	17,84768	10,92213,75185	40	
	30	9,07495,24833	17,58852	9,99691,15250	25205	9,07804,09583	17,84057	10,92195,90417	30	
	40	9,07512,83685	17,58128	9,99690,90045	25216	9,07821,93640	17,83344	10,92178,06360	20	
	50	9,07530,41813	17,57407	9,99690,64829	25226	9,07839,76984	17,82633	10,92160,23016	10	
50	0	9,07547,99220	17,56687	9,99690,39603	25236	9,07857,59617	17,81923	10,92142,40383	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,07547,99220	17,56687	9,99690,39603	25236	9,07857,59617	17,81923	10,92142,40383	0	10
	10	9,07565,55907	17,55965	9,99690,14367	25247	9,07875,41540	17,81212	10,92124,58460	50	
	20	9,07583,11872	17,55246	9,99689,89120	25257	9,07893,22752	17,80503	10,92106,77248	40	
	30	9,07600,67118	17,54525	9,99689,63863	25267	9,07911,03255	17,79792	10,92088,96745	30	
	40	9,07618,21643	17,53809	9,99689,38596	25278	9,07928,83047	17,79087	10,92071,16953	20	
	50	9,07635,75452	17,53090	9,99689,13318	25288	9,07946,62134	17,78378	10,92053,37866	10	
51	0	9,07653,28542	17,52370	9,99688,88030	25298	9,07964,40512	17,77668	10,92035,59488	0	9
	10	9,07670,80912	17,51654	9,99688,62732	25309	9,07982,18180	17,76963	10,92017,81820	50	
	20	9,07688,32566	17,50940	9,99688,37423	25319	9,07999,95143	17,76259	10,92000,04857	40	
	30	9,07705,83506	17,50223	9,99688,12104	25329	9,08017,71402	17,75552	10,91982,28598	30	
	40	9,07723,33729	17,49506	9,99687,86775	25340	9,08035,46954	17,74846	10,91964,53046	20	
	50	9,07740,83235	17,48793	9,99687,61435	25350	9,08053,21800	17,74143	10,91946,78200	10	
52	0	9,07758,32028	17,48078	9,99687,36085	25361	9,08070,95943	17,73439	10,91929,04057	0	8
	10	9,07775,80106	17,47366	9,99687,10724	25371	9,08088,69382	17,72737	10,91911,30618	50	
	20	9,07793,27472	17,46652	9,99686,85353	25381	9,08106,42119	17,72033	10,91893,57881	40	
	30	9,07810,74124	17,45940	9,99686,59972	25392	9,08124,14152	17,71332	10,91875,85848	30	
	40	9,07828,20064	17,45227	9,99686,34580	25402	9,08141,85484	17,70629	10,91858,14516	20	
	50	9,07845,65291	17,44516	9,99686,09178	25412	9,08159,56113	17,69928	10,91840,43887	10	
53	0	9,07863,09807	17,43806	9,99685,83766	25423	9,08177,26041	17,69229	10,91822,73959	0	7
	10	9,07880,53613	17,43094	9,99685,58343	25433	9,08194,95270	17,68527	10,91805,04730	50	
	20	9,07897,96707	17,42387	9,99685,32910	25443	9,08212,63797	17,67830	10,91787,36203	40	
	30	9,07915,39094	17,41678	9,99685,07467	25454	9,08230,31627	17,67132	10,91769,68373	30	
	40	9,07932,80772	17,40968	9,99684,82013	25464	9,08247,98759	17,66432	10,91752,01241	20	
	50	9,07950,21740	17,40261	9,99684,56549	25474	9,08265,65191	17,65735	10,91754,34809	10	
54	0	9,07967,62001	17,39555	9,99684,31075	25485	9,08283,30926	17,65040	10,91716,69074	0	6
	10	9,07985,01556	17,38846	9,99684,05590	25495	9,08300,95966	17,64341	10,91699,04034	50	
	20	9,08002,40402	17,38141	9,99683,80095	25506	9,08318,60307	17,63647	10,91681,39693	40	
	30	9,08019,78543	17,37436	9,99683,54589	25516	9,08336,23954	17,62952	10,91663,76046	30	
	40	9,08037,15979	17,36730	9,99683,29073	25526	9,08353,86906	17,62256	10,91646,13094	20	
	50	9,08054,52709	17,36026	9,99683,03547	25536	9,08371,49162	17,61562	10,91628,50838	10	
55	0	9,08071,88735	17,35321	9,99682,78011	25547	9,08389,10724	17,60868	10,91610,89276	0	5
	10	9,08089,24056	17,34617	9,99682,52464	25557	9,08406,71592	17,60174	10,91593,28408	50	
	20	9,08106,58673	17,33917	9,99682,26907	25567	9,08424,31766	17,59484	10,91575,68234	40	
	30	9,08123,92590	17,33214	9,99682,01340	25578	9,08441,91250	17,58792	10,91558,08750	30	
	40	9,08141,25804	17,32513	9,99681,75762	25588	9,08459,50042	17,58101	10,91540,49958	20	
	50	9,08158,58317	17,31810	9,99681,50174	25599	9,08477,08143	17,57409	10,91522,91857	10	
56	0	9,08175,90127	17,31111	9,99681,24575	25609	9,08494,65552	17,56720	10,91505,34448	0	4
	10	9,08193,21238	17,30410	9,99680,98966	25619	9,08512,22272	17,56029	10,91487,77728	50	
	20	9,08210,51648	17,29711	9,99680,73347	25630	9,08529,78301	17,55341	10,91470,21699	40	
	30	9,08227,81359	17,29013	9,99680,47717	25640	9,08547,33642	17,54653	10,91452,66358	30	
	40	9,08245,10372	17,28313	9,99680,22077	25651	9,08564,88295	17,53964	10,91435,11705	20	
	50	9,08262,38685	17,27617	9,99679,96426	25661	9,08582,42259	17,53278	10,91417,57741	10	
57	0	9,08279,66302	17,26920	9,99679,70765	25671	9,08599,95537	17,52591	10,91400,04463	0	3
	10	9,08296,93222	17,26224	9,99679,45094	25682	9,08617,48128	17,51906	10,91382,51872	50	
	20	9,08314,19446	17,25525	9,99679,19412	25692	9,08635,00034	17,51217	10,91364,99966	40	
	30	9,08331,44971	17,24830	9,99678,93720	25702	9,08652,51251	17,50532	10,91347,48749	30	
	40	9,08348,69801	17,24137	9,99678,68018	25713	9,08670,01783	17,49850	10,91329,98217	20	
	50	9,08365,93938	17,23441	9,99678,42305	25723	9,08687,51633	17,49164	10,91312,48367	10	
58	0	9,08383,17379	17,22747	9,99678,16582	25733	9,08705,00797	17,48480	10,91294,99203	0	2
	10	9,08400,40126	17,22056	9,99677,90849	25744	9,08722,49277	17,47800	10,91277,50723	50	
	20	9,08417,62182	17,21361	9,99677,65105	25754	9,08739,97077	17,47115	10,91260,02923	40	
	30	9,08434,83543	17,20669	9,99677,39351	25764	9,08757,44192	17,46433	10,91242,55808	30	
	40	9,08452,04212	17,19977	9,99677,13587	25775	9,08774,90625	17,45752	10,91225,09375	20	
	50	9,08469,24189	17,19286	9,99676,87812	25785	9,08792,36377	17,45071	10,91207,63623	10	
59	0	9,08486,43475	17,18598	9,99676,62027	25796	9,08809,81448	17,44394	10,91190,18552	0	1
	10	9,08503,62073	17,17905	9,99676,36231	25806	9,08827,25842	17,43711	10,91172,74158	50	
	20	9,08520,79978	17,17216	9,99676,10425	25816	9,08844,69553	17,43032	10,91155,30447	40	
	30	9,08537,97194	17,16528	9,99675,84609	25827	9,08862,12585	17,42355	10,91137,87415	30	
	40	9,08555,13722	17,15839	9,99675,58782	25837	9,08879,54940	17,41676	10,91120,45060	20	
	50	9,08572,29561	17,15151	9,99675,32945	25847	9,08896,96616	17,40998	10,91103,03384	10	
60	0	9,08589,44712	17,14466	9,99675,07098	25858	9,08914,37614	17,40324	10,91085,62386	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
0	0	9,08589,44712	17,14466	9,99675,07098	25858	9,08914,37614	17,40324	10,91085,62386	0	60
	10	9,08606,59178	17,13776	9,99674,81240	25868	9,08931,77938	17,39644	10,91068,22062	50	
	20	9,08623,72954	17,13090	9,99674,55372	25878	9,08949,17582	17,38968	10,91050,82418	40	
	30	9,08640,86044	17,12405	9,99674,29494	25889	9,08966,56550	17,38294	10,91033,43450	30	
	40	9,08657,98449	17,11722	9,99674,03605	25899	9,08983,94844	17,37621	10,91016,05156	20	
	50	9,08675,10171	17,11036	9,99673,77706	25910	9,09001,32465	17,36946	10,90998,67535	10	
1	0	9,08692,21207	17,10351	9,99673,51796	25920	9,09018,69411	17,36271	10,90981,30589	0	59
	10	9,08709,31558	17,09668	9,99673,25876	25930	9,09036,05682	17,35598	10,90963,94318	50	
	20	9,08726,41226	17,08985	9,99672,99946	25940	9,09053,41280	17,34925	10,90946,58720	40	
	30	9,08743,50211	17,08302	9,99672,74006	25951	9,09070,76205	17,34253	10,90929,23795	30	
	40	9,08760,58513	17,07622	9,99672,48055	25961	9,09088,10458	17,33583	10,90911,89542	20	
	50	9,08777,66135	17,06940	9,99672,22094	25972	9,09105,44041	17,32912	10,90894,55959	10	
2	0	9,08794,73075	17,06259	9,99671,96122	25982	9,09122,76953	17,32241	10,90877,23047	0	58
	10	9,08811,79334	17,05577	9,99671,70140	25992	9,09140,09194	17,31569	10,90859,90806	50	
	20	9,08828,84911	17,04899	9,99671,44148	26003	9,09157,40763	17,30902	10,90842,59237	40	
	30	9,08845,89810	17,04219	9,99671,18145	26013	9,09174,71665	17,30232	10,90825,28335	30	
	40	9,08862,94029	17,03541	9,99670,92132	26024	9,09192,01897	17,29565	10,90807,98103	20	
	50	9,08879,97570	17,02863	9,99670,66108	26034	9,09209,31462	17,28897	10,90790,68538	10	
3	0	9,08897,00433	17,02185	9,99670,40074	26044	9,09226,60359	17,28229	10,90773,39641	0	57
	10	9,08914,02618	17,01508	9,99670,14030	26055	9,09243,88588	17,27563	10,90756,11412	50	
	20	9,08931,04126	17,00832	9,99669,87975	26065	9,09261,16151	17,26897	10,90738,83849	40	
	30	9,08948,04958	17,00155	9,99669,61910	26075	9,09278,43048	17,26230	10,90721,56952	30	
	40	9,08965,05113	16,99478	9,99669,35835	26086	9,09295,69278	17,25564	10,90704,30722	20	
	50	9,08982,04591	16,98805	9,99669,09749	26096	9,09312,94842	17,24901	10,90687,05158	10	
4	0	9,08999,03396	16,98130	9,99668,83653	26106	9,09330,19743	17,24236	10,90669,80257	0	56
	10	9,09016,01526	16,97457	9,99668,57547	26117	9,09347,43979	17,23574	10,90652,56021	50	
	20	9,09032,98983	16,96783	9,99668,31430	26127	9,09364,67553	17,22910	10,90635,32447	40	
	30	9,09049,95766	16,96110	9,99668,05303	26138	9,09381,90463	17,22248	10,90618,09537	30	
	40	9,09066,91876	16,95437	9,99667,79165	26148	9,09399,12711	17,21585	10,90600,87289	20	
	50	9,09083,87313	16,94766	9,99667,53017	26158	9,09416,34296	17,20924	10,90583,65704	10	
5	0	9,09100,82079	16,94095	9,99667,26859	26169	9,09433,55220	17,20264	10,90566,44780	0	55
	10	9,09117,76174	16,93425	9,99667,00690	26179	9,09450,75484	17,19604	10,90549,24516	50	
	20	9,09134,69599	16,92753	9,99666,74511	26189	9,09467,95088	17,18942	10,90532,04912	40	
	30	9,09151,62352	16,92084	9,99666,48322	26200	9,09485,14030	17,18284	10,90514,85970	30	
	40	9,09168,54436	16,91414	9,99666,22122	26210	9,09502,32314	17,17624	10,90497,67686	20	
	50	9,09185,45850	16,90744	9,99665,95912	26220	9,09519,49938	17,16964	10,90480,50062	10	
6	0	9,09202,36594	16,90077	9,99665,69692	26231	9,09536,66902	17,16308	10,90463,33098	0	54
	10	9,09219,26671	16,89412	9,99665,43461	26241	9,09553,83210	17,15653	10,90446,16790	50	
	20	9,09236,16083	16,88744	9,99665,17220	26252	9,09570,98863	17,14996	10,90429,01137	40	
	30	9,09253,04827	16,88077	9,99664,90968	26262	9,09588,13859	17,14339	10,90411,86141	30	
	40	9,09269,92904	16,87410	9,99664,64706	26272	9,09605,28198	17,13682	10,90394,71802	20	
	50	9,09286,80314	16,86743	9,99664,38434	26283	9,09622,41880	17,13026	10,90377,58120	10	
7	0	9,09303,67057	16,86080	9,99664,12151	26293	9,09639,54906	17,12373	10,90360,45094	0	53
	10	9,09320,53137	16,85415	9,99663,85858	26303	9,09656,67279	17,11718	10,90343,32721	50	
	20	9,09337,38552	16,84751	9,99663,59555	26314	9,09673,78997	17,11065	10,90326,21003	40	
	30	9,09354,23303	16,84088	9,99663,33241	26324	9,09690,90062	17,00412	10,90309,09938	30	
	40	9,09371,07391	16,83424	9,99663,06917	26334	9,09708,00474	17,09758	10,90291,99526	20	
	50	9,09387,90815	16,82762	9,99662,80583	26345	9,09725,10232	17,09107	10,90274,89768	10	
8	0	9,09404,73577	16,82101	9,99662,54238	26355	9,09742,19339	17,08456	10,90257,80661	0	52
	10	9,09421,55678	16,81440	9,99662,27883	26366	9,09759,27795	17,07806	10,90240,72205	50	
	20	9,09438,37118	16,80775	9,99662,01517	26376	9,09776,35601	17,07151	10,90223,64399	40	
	30	9,09455,17893	16,80114	9,99661,75141	26386	9,09793,42752	17,06500	10,90206,57248	30	
	40	9,09471,98007	16,79457	9,99661,48755	26397	9,09810,49252	17,05854	10,90189,50748	20	
	50	9,09488,77464	16,78800	9,99661,22358	26407	9,09827,55106	17,05207	10,90172,44894	10	
9	0	9,09505,56264	16,78138	9,99660,95951	26417	9,09844,60313	17,04555	10,90155,39687	0	51
	10	9,09522,34402	16,77481	9,99660,69534	26428	9,09861,64868	17,03909	10,90138,35132	50	
	20	9,09539,11883	16,76824	9,99660,43106	26438	9,09878,68777	17,03262	10,90121,31223	40	
	30	9,09555,88707	16,76168	9,99660,16668	26449	9,09895,72039	17,02617	10,90104,27961	30	
	40	9,09572,64875	16,75508	9,99659,90219	26459	9,09912,74656	17,01967	10,90087,25344	20	
	50	9,09589,40383	16,74850	9,99659,63760	26469	9,09929,76623	17,01319	10,90070,23377	10	
10	0	9,09606,15233	16,74195	9,99659,37291	26480	9,09946,77942	17,00675	10,90053,22058	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	9,09606,15233	16,74195	9,99659,37291	26480	9,09946,77942	17,00675	10,90053,22058	0	50
	10	9,09622,89428	16,73543	9,99659,10811	26490	9,09963,78617	17,00033	10,90036,21383	50	
	20	9,09639,62971	16,72885	9,99658,84321	26500	9,09980,78650	16,99385	10,90019,21350	40	
	30	9,09656,35856	16,72230	9,99658,57821	26511	9,09997,78035	16,98741	10,90002,21965	30	
	40	9,09673,08085	16,71579	9,99658,31310	26521	9,10014,76776	16,98100	10,89985,23224	20	
	50	9,09689,79665	16,70924	9,99658,04789	26531	9,10031,74876	16,97455	10,89968,25124	10	
11	0	9,09706,50589	16,70270	9,99657,78258	26542	9,10048,72331	16,96812	10,89951,27669	0	49
	10	9,09723,20859	16,69620	9,99657,51716	26552	9,10065,69143	16,96172	10,89934,30857	50	
	20	9,09739,90479	16,68968	9,99657,25164	26563	9,10082,65315	16,95531	10,89917,34685	40	
	30	9,09756,59447	16,68317	9,99656,98601	26573	9,10099,60846	16,94890	10,89900,39154	30	
	40	9,09773,27764	16,67665	9,99656,72028	26583	9,10116,55736	16,94248	10,89883,44264	20	
	50	9,09789,95429	16,67014	9,99656,45445	26594	9,10133,49984	16,93608	10,89866,50016	10	
12	0	9,09806,62443	16,66366	9,99656,18851	26604	9,10150,43592	16,92970	10,89849,56408	0	48
	10	9,09823,28809	16,65716	9,99655,92247	26614	9,10167,36562	16,92330	10,89832,63438	50	
	20	9,09839,94525	16,65067	9,99655,65633	26625	9,10184,28892	16,91692	10,89815,71108	40	
	30	9,09856,59592	16,64418	9,99655,39008	26635	9,10201,20584	16,91053	10,89798,79416	30	
	40	9,09873,24010	16,63773	9,99655,12373	26646	9,10218,11637	16,90419	10,89781,88363	20	
	50	9,09889,87783	16,63123	9,99654,85727	26656	9,10235,02056	16,89779	10,89764,97944	10	
13	0	9,09906,50906	16,62477	9,99654,59071	26666	9,10251,91835	16,89143	10,89748,08165	0	47
	10	9,09923,13383	16,61830	9,99654,32405	26677	9,10268,80978	16,88507	10,89731,19022	50	
	20	9,09939,75213	16,61183	9,99654,05728	26687	9,10285,69485	16,87870	10,89714,30515	40	
	30	9,09956,36396	16,60540	9,99653,79041	26698	9,10302,57355	16,87238	10,89697,42645	30	
	40	9,09972,96936	16,59894	9,99653,52343	26708	9,10319,44593	16,86602	10,89680,55407	20	
	50	9,09989,56830	16,59249	9,99653,25635	26718	9,10336,31195	16,85967	10,89663,68805	10	
14	0	9,10006,16079	16,58606	9,99652,98917	26729	9,10353,17162	16,85335	10,89646,82838	0	46
	10	9,10022,74685	16,57964	9,99652,72188	26739	9,10370,02497	16,84703	10,89629,97503	50	
	20	9,10039,32649	16,57319	9,99652,45449	26749	9,10386,87200	16,84068	10,89613,12800	40	
	30	9,10055,89968	16,56677	9,99652,18700	26760	9,10403,71268	16,83437	10,89596,28732	30	
	40	9,10072,46645	16,56037	9,99651,91940	26770	9,10420,54705	16,82807	10,89579,45295	20	
	50	9,10089,02682	16,55393	9,99651,65170	26780	9,10437,37512	16,82172	10,89562,62488	10	
15	0	9,10105,58075	16,54752	9,99651,38390	26791	9,10454,19684	16,81544	10,89545,80316	0	45
	10	9,10122,12827	16,54113	9,99651,11599	26801	9,10471,01228	16,80914	10,89528,98772	50	
	20	9,10138,66940	16,53471	9,99650,84798	26811	9,10487,82142	16,80282	10,89512,17758	40	
	30	9,10155,20411	16,52831	9,99650,57987	26822	9,10504,62424	16,79653	10,89495,37576	30	
	40	9,10171,73242	16,52195	9,99650,31165	26832	9,10521,42077	16,79027	10,89478,57923	20	
	50	9,10188,25437	16,51556	9,99650,04333	26843	9,10538,21104	16,78399	10,89461,78896	10	
16	0	9,10204,76993	16,50919	9,99649,77490	26853	9,10554,99503	16,77772	10,89445,00497	0	44
	10	9,10221,27912	16,50278	9,99649,50637	26863	9,10571,77275	16,77141	10,89428,22725	50	
	20	9,10237,78190	16,49643	9,99649,23774	26874	9,10588,54416	16,76517	10,89411,45584	40	
	30	9,10254,27833	16,49007	9,99648,96900	26884	9,10605,30933	16,75891	10,89394,69067	30	
	40	9,10270,76840	16,48369	9,99648,70016	26894	9,10622,06824	16,75263	10,89377,93176	20	
	50	9,10287,25209	16,47733	9,99648,43122	26905	9,10638,82087	16,74638	10,89361,17913	10	
17	0	9,10303,72942	16,47100	9,99648,16217	26915	9,10655,56725	16,74015	10,89344,43275	0	43
	10	9,10320,20042	16,46464	9,99647,89302	26926	9,10672,30740	16,73390	10,89327,69260	50	
	20	9,10336,66506	16,45832	9,99647,62376	26936	9,10689,04130	16,72768	10,89310,95870	40	
	30	9,10353,12338	16,45197	9,99647,35440	26946	9,10705,76898	16,72143	10,89294,23102	30	
	40	9,10369,57535	16,44563	9,99647,08494	26957	9,10722,49041	16,71520	10,89277,50959	20	
	50	9,10386,02098	16,43931	9,99646,81537	26967	9,10739,20561	16,70898	10,89260,79439	10	
18	0	9,10402,46029	16,43298	9,99646,54570	26978	9,10755,91459	16,70276	10,89244,08541	0	42
	10	9,10418,89327	16,42666	9,99646,27592	26988	9,10772,61735	16,69654	10,89227,38265	50	
	20	9,10435,31993	16,42037	9,99646,00604	26998	9,10789,31389	16,69035	10,89210,68611	40	
	30	9,10451,74030	16,41407	9,99645,73606	27009	9,10806,00424	16,68416	10,89193,99576	30	
	40	9,10468,15437	16,40774	9,99645,46597	27019	9,10822,68840	16,67793	10,89177,31160	20	
	50	9,10484,56211	16,40145	9,99645,19578	27029	9,10839,36633	16,67174	10,89160,63367	10	
19	0	9,10500,96356	16,39514	9,99644,92549	27040	9,10856,03807	16,66554	10,89143,96193	0	41
	10	9,10517,35870	16,38887	9,99644,65509	27050	9,10872,70361	16,65937	10,89127,29639	50	
	20	9,10533,74757	16,38257	9,99644,38459	27060	9,10889,36298	16,65317	10,89110,63702	40	
	30	9,10550,13014	16,37631	9,99644,11399	27071	9,10906,01615	16,64702	10,89093,98385	30	
	40	9,10566,50645	16,37001	9,99643,84328	27081	9,10922,66317	16,64082	10,89077,33683	20	
	50	9,10582,87646	16,36376	9,99643,57247	27092	9,10939,30399	16,63468	10,89060,69601	10	
20	0	9,10599,24022		9,99643,30155		9,10955,93867		10,89044,06133	0	40
		Sin. Compl.	16,35749	SINVVM	27102	Tang. compl.	16,62851	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,10599,24022	16,35749	9,99643,30155	27102	9,10955,93867	16,62851	10,89044,06133	0	40
	10	9,10615,59771	16,35122	9,99643,03053	27112	9,10972,56718	16,62234	10,89027,43282	50	
	20	9,10631,94893	16,34498	9,99642,75941	27123	9,10989,18952	16,61621	10,89010,81048	40	
	30	9,10648,29391	16,33872	9,99642,48818	27133	9,11005,80573	16,61005	10,88994,19427	30	
	40	9,10664,63263	16,33247	9,99642,21685	27144	9,11022,41578	16,60391	10,88977,58422	20	
	50	9,10680,96510	16,32625	9,99641,94541	27154	9,11039,01969	16,59779	10,88960,98031	10	
21	0	9,10697,29135	16,32000	9,99641,67387	27164	9,11055,61748	16,59164	10,88944,38252	0	39
	10	9,10713,61135	16,31375	9,99641,40223	27175	9,11072,20912	16,58550	10,88927,79088	50	
	20	9,10729,92510	16,30754	9,99641,13048	27185	9,11088,79462	16,57939	10,88911,20538	40	
	30	9,10746,23264	16,30131	9,99640,85863	27195	9,11105,37401	16,57326	10,88894,62599	30	
	40	9,10762,53395	16,29508	9,99640,58668	27206	9,11121,94727	16,56714	10,88878,05273	20	
	50	9,10778,82903	16,28889	9,99640,31462	27216	9,11138,51441	16,56106	10,88861,48559	10	
22	0	9,10795,11792	16,28267	9,99640,04246	27227	9,11155,07547	16,55493	10,88844,92453	0	38
	10	9,10811,40059	16,27647	9,99659,77019	27237	9,11171,63040	16,54884	10,88828,36960	50	
	20	9,10827,67706	16,27026	9,99639,49782	27247	9,11188,17924	16,54273	10,88811,82076	40	
	30	9,10843,94732	16,26406	9,99639,22535	27258	9,11204,72197	16,53664	10,88795,27803	30	
	40	9,10860,21138	16,25789	9,99638,95277	27268	9,11221,25861	16,53057	10,88778,74139	20	
	50	9,10876,46927	16,25171	9,99638,68009	27278	9,11237,78918	16,52449	10,88762,21082	10	
23	0	9,10892,72098	16,24552	9,99638,40731	27289	9,11254,31367	16,51841	10,88745,68633	0	37
	10	9,10908,96650	16,23933	9,99638,13442	27299	9,11270,83208	16,51232	10,88729,16792	50	
	20	9,10925,20583	16,23316	9,99637,86143	27310	9,11287,34440	16,50626	10,88712,65560	40	
	30	9,10941,43899	16,22700	9,99637,58833	27320	9,11303,85066	16,50020	10,88696,14934	30	
	40	9,10957,66599	16,22083	9,99637,31513	27330	9,11320,35086	16,49413	10,88679,64914	20	
	50	9,10973,88682	16,21468	9,99637,04183	27341	9,11336,84499	16,48809	10,88663,15501	10	
24	0	9,10990,10150	16,20852	9,99636,76842	27351	9,11353,33308	16,48203	10,88646,66692	0	36
	10	9,11006,31002	16,20237	9,99636,49491	27361	9,11369,81511	16,47598	10,88630,18489	50	
	20	9,11022,51239	16,19623	9,99636,22130	27372	9,11386,29109	16,46995	10,88613,70891	40	
	30	9,11038,70862	16,19010	9,99635,94758	27382	9,11402,76104	16,46392	10,88597,23896	30	
	40	9,11054,89872	16,18394	9,99635,67376	27393	9,11419,22496	16,45787	10,88580,77504	20	
	50	9,11071,08266	16,17783	9,99635,39983	27403	9,11435,68283	16,45186	10,88564,31717	10	
25	0	9,11087,26049	16,17171	9,99635,12580	27413	9,11452,13469	16,44584	10,88547,86531	0	35
	10	9,11103,43220	16,16558	9,99634,85167	27424	9,11468,58053	16,43982	10,88531,41947	50	
	20	9,11119,59778	16,15944	9,99634,57743	27434	9,11485,02035	16,43378	10,88514,97965	40	
	30	9,11135,75722	16,15335	9,99634,30309	27445	9,11501,45413	16,42780	10,88498,54587	30	
	40	9,11151,91057	16,14724	9,99634,02864	27455	9,11517,88193	16,42179	10,88482,11807	20	
	50	9,11168,05781	16,14113	9,99633,75409	27465	9,11534,30372	16,41578	10,88465,69628	10	
26	0	9,11184,19894	16,13504	9,99633,47944	27476	9,11550,71950	16,40980	10,88449,28050	0	34
	10	9,11200,33398	16,12895	9,99633,20468	27486	9,11567,12930	16,40381	10,88432,87070	50	
	20	9,11216,46293	16,12284	9,99632,92982	27496	9,11583,53311	16,39780	10,88416,46689	40	
	30	9,11232,58577	16,11676	9,99632,65486	27507	9,11599,93091	16,39183	10,88400,06909	30	
	40	9,11248,70253	16,11069	9,99632,37979	27517	9,11616,32274	16,38586	10,88383,67726	20	
	50	9,11264,81322	16,10461	9,99632,10462	27528	9,11632,70860	16,37989	10,88367,29140	10	
27	0	9,11280,91783	16,09852	9,99631,82934	27538	9,11649,08849	16,37390	10,88350,91151	0	33
	10	9,11297,01635	16,09247	9,99631,55396	27548	9,11665,46239	16,36795	10,88334,53761	50	
	20	9,11313,10882	16,08642	9,99631,27848	27559	9,11681,83034	16,36201	10,88318,16966	40	
	30	9,11329,19521	16,08036	9,99631,00289	27569	9,11698,19235	16,35605	10,88301,80765	30	
	40	9,11345,27560	16,07430	9,99630,72720	27580	9,11714,54840	16,35010	10,88285,45160	20	
	50	9,11361,34990	16,06824	9,99630,45140	27590	9,11730,89850	16,34414	10,88269,10150	10	
28	0	9,11377,41814	16,06221	9,99630,17550	27600	9,11747,24264	16,33821	10,88252,75736	0	32
	10	9,11393,48035	16,05616	9,99629,89950	27611	9,11763,58085	16,33227	10,88236,41915	50	
	20	9,11409,53651	16,05013	9,99629,62339	27621	9,11779,91312	16,32634	10,88220,08688	40	
	30	9,11425,58664	16,04410	9,99629,34718	27631	9,11796,23946	16,32041	10,88203,76054	30	
	40	9,11441,63074	16,03806	9,99629,07087	27642	9,11812,55987	16,31448	10,88187,44013	20	
	50	9,11457,66880	16,03203	9,99628,79445	27652	9,11828,87435	16,30855	10,88171,12565	10	
29	0	9,11473,70083	16,02604	9,99628,51793	27663	9,11845,18290	16,30267	10,88154,81710	0	31
	10	9,11489,72687	16,02001	9,99628,24130	27673	9,11861,48557	16,29674	10,88138,51443	50	
	20	9,11505,74688	16,01400	9,99627,96457	27683	9,11877,78231	16,29083	10,88122,21769	40	
	30	9,11521,76088	16,00798	9,99627,68774	27694	9,11894,07314	16,28492	10,88105,92686	30	
	40	9,11537,76886	16,00199	9,99627,41080	27704	9,11910,35806	16,27903	10,88089,64194	20	
	50	9,11553,77085	15,99602	9,99627,13376	27715	9,11926,63709	16,27317	10,88073,36291	10	
30	0	9,11569,76687	15,99003	9,99626,85661	27725	9,11942,91026	16,26728	10,88057,08974	0	30
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,11569,76687	15,99003	9,99626,85661	27725	9,11942,91026	16,26728	10,88057,08974	0	30
	10	9,11585,75690	15,98401	9,99626,57936	27735	9,11959,17754	16,26136	10,88040,82246	50	
	20	9,11601,74091	15,97803	9,99626,30201	27746	9,11975,43890	16,25549	10,88024,56110	40	
	30	9,11617,71894	15,97206	9,99626,02455	27756	9,11991,69439	16,24962	10,88008,30561	30	
	40	9,11633,69100	15,96608	9,99625,74699	27766	9,12007,94401	16,24374	10,87992,05599	20	
	50	9,11649,65708	15,96012	9,99625,46933	27777	9,12024,18775	16,23789	10,87975,81225	10	
31	0	9,11665,61720	15,95415	9,99625,19156	27787	9,12040,42564	16,23202	10,87959,57436	0	29
	10	9,11681,57135	15,94821	9,99624,91369	27798	9,12056,65766	16,22619	10,87943,34234	50	
	20	9,11697,51956	15,94224	9,99624,63571	27808	9,12072,88385	16,22032	10,87927,11615	40	
	30	9,11713,46180	15,93629	9,99624,35763	27818	9,12089,10417	16,21447	10,87910,89583	30	
	40	9,11729,39809	15,93033	9,99624,07945	27829	9,12105,31864	16,20862	10,87894,68136	20	
	50	9,11745,32842	15,92439	9,99623,80116	27839	9,12121,52726	16,20278	10,87878,47274	10	
32	0	9,11761,25281	15,91845	9,99623,52277	27849	9,12137,73004	16,19694	10,87862,26996	0	28
	10	9,11777,17126	15,91252	9,99623,24428	27860	9,12153,92698	16,19112	10,87846,07302	50	
	20	9,11793,08378	15,90658	9,99622,96568	27870	9,12170,11810	16,18528	10,87829,88190	40	
	30	9,11808,99036	15,90067	9,99622,68698	27881	9,12186,30338	16,17948	10,87813,69662	30	
	40	9,11824,89103	15,89475	9,99622,40817	27891	9,12202,48286	16,17366	10,87797,51714	20	
	50	9,11840,78578	15,88881	9,99622,12926	27901	9,12218,65652	16,16782	10,87781,34348	10	
33	0	9,11856,67459	15,88292	9,99621,85025	27912	9,12234,82434	16,16204	10,87765,17566	0	27
	10	9,11872,55751	15,87701	9,99621,57113	27922	9,12250,98638	16,15623	10,87749,01362	50	
	20	9,11888,43452	15,87109	9,99621,29191	27933	9,12267,14261	16,15042	10,87732,85739	40	
	30	9,11904,30561	15,86520	9,99621,01258	27943	9,12283,29303	16,14463	10,87716,70697	30	
	40	9,11920,17081	15,85930	9,99620,73315	27953	9,12299,43766	16,13883	10,87700,56234	20	
	50	9,11936,03011	15,85341	9,99620,45362	27964	9,12315,57649	16,13305	10,87684,42351	10	
34	0	9,11951,88352	15,84753	9,99620,17398	27974	9,12331,70954	16,12727	10,87668,29046	0	26
	10	9,11967,73105	15,84165	9,99619,89424	27985	9,12347,83681	16,12150	10,87652,16319	50	
	20	9,11983,57270	15,83576	9,99619,61439	27995	9,12363,95831	16,11571	10,87636,04169	40	
	30	9,11999,40846	15,82988	9,99619,33444	28005	9,12380,07402	16,10993	10,87619,92598	30	
	40	9,12015,23834	15,82404	9,99619,05439	28016	9,12396,18395	16,10420	10,87603,81605	20	
	50	9,12031,06238	15,81815	9,99618,77423	28026	9,12412,28815	16,09841	10,87587,71185	10	
35	0	9,12046,88053	15,81231	9,99618,49397	28037	9,12428,38656	16,09268	10,87571,61344	0	25
	10	9,12062,69284	15,80644	9,99618,21360	28047	9,12444,47924	16,08691	10,87555,52076	50	
	20	9,12078,49928	15,80057	9,99617,93313	28057	9,12460,56615	16,08114	10,87539,43385	40	
	30	9,12094,29985	15,79474	9,99617,65256	28068	9,12476,64729	16,07542	10,87523,35271	30	
	40	9,12110,09459	15,78888	9,99617,37188	28078	9,12492,72271	16,06966	10,87507,27729	20	
	50	9,12125,88347	15,78305	9,99617,09110	28088	9,12508,79237	16,06393	10,87491,20763	10	
36	0	9,12141,66652	15,77721	9,99616,81022	28099	9,12524,85630	16,05820	10,87475,14370	0	24
	10	9,12157,44373	15,77137	9,99616,52923	28109	9,12540,91450	16,05246	10,87459,08550	50	
	20	9,12173,21510	15,76556	9,99616,24814	28119	9,12556,96696	16,04675	10,87443,03304	40	
	30	9,12188,98066	15,75972	9,99615,96695	28130	9,12573,01371	16,04102	10,87426,98629	30	
	40	9,12204,74038	15,75392	9,99615,68565	28140	9,12589,05473	16,03532	10,87410,94527	20	
	50	9,12220,49430	15,74809	9,99615,40425	28151	9,12605,09005	16,02960	10,87394,90995	10	
37	0	9,12236,24239	15,74230	9,99615,12274	28161	9,12621,11965	16,02391	10,87378,88035	0	23
	10	9,12251,98469	15,73650	9,99614,84113	28172	9,12637,14356	16,01822	10,87362,85644	50	
	20	9,12267,72119	15,73067	9,99614,55941	28182	9,12653,16178	16,01249	10,87346,83822	40	
	30	9,12283,45186	15,72488	9,99614,27759	28192	9,12669,17427	16,00680	10,87330,82573	30	
	40	9,12299,17674	15,71909	9,99613,99567	28203	9,12685,18107	16,00112	10,87314,81893	20	
	50	9,12314,89583	15,71330	9,99613,71364	28213	9,12701,18219	15,99543	10,87298,81781	10	
38	0	9,12330,60913	15,70752	9,99613,43151	28224	9,12717,17762	15,98976	10,87282,82238	0	22
	10	9,12346,31665	15,70172	9,99613,14927	28234	9,12733,16738	15,98406	10,87266,83262	50	
	20	9,12362,01837	15,69595	9,99612,86693	28244	9,12749,15144	15,97839	10,87250,84856	40	
	30	9,12377,71432	15,69020	9,99612,58449	28255	9,12765,12983	15,97275	10,87234,87017	30	
	40	9,12393,40452	15,68442	9,99612,30194	28265	9,12781,10258	15,96707	10,87218,89742	20	
	50	9,12409,08894	15,67865	9,99612,01929	28275	9,12797,06965	15,96140	10,87202,93035	10	
39	0	9,12424,76759	15,67288	9,99611,73654	28286	9,12813,03105	15,95574	10,87186,96895	0	21
	10	9,12440,44047	15,66712	9,99611,45368	28296	9,12828,98679	15,95008	10,87171,01321	50	
	20	9,12456,10759	15,66139	9,99611,17072	28307	9,12844,93687	15,94446	10,87155,06313	40	
	30	9,12471,76898	15,65563	9,99610,88765	28317	9,12860,88133	15,93880	10,87139,11867	30	
	40	9,12487,42461	15,64989	9,99610,60448	28327	9,12876,82013	15,93316	10,87123,17987	20	
	50	9,12503,07450	15,64415	9,99610,32121	28338	9,12892,75329	15,92753	10,87107,24671	10	
40	0	9,12518,71865		9,99610,03783		9,12908,68082		10,87091,31918	0	20
		Sin. Compl.	15,63840	SINVVM	28348	Tang.compl	15,92188	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,12518,71865	15,63840	9,99610,03783	28348	9,12908,68082	15,92188	10,87091,31918	0	20
	10	9,12534,35705	15,63271	9,99609,75435	28359	9,12924,60270	15,91630	10,87075,39730	50	
	20	9,12549,98976	15,62696	9,99609,47076	28369	9,12940,51900	15,91065	10,87059,48100	40	
	30	9,12565,61672	15,62124	9,99609,18707	28379	9,12956,42965	15,90503	10,87043,57035	30	
	40	9,12581,23796	15,61551	9,99608,90328	28390	9,12972,33468	15,89941	10,87027,66532	20	
	50	9,12596,85347	15,60980	9,99608,61938	28400	9,12988,23409	15,89380	10,87011,76591	10	
41	0	9,12612,46327	15,60409	9,99608,33538	28410	9,13004,12789	15,88819	10,86995,87211	0	19
	10	9,12628,06736	15,59837	9,99608,05128	28421	9,13020,01608	15,88258	10,86979,98392	50	
	20	9,12643,66573	15,59268	9,99607,76707	28431	9,13035,89866	15,87699	10,86964,10134	40	
	30	9,12659,25841	15,58700	9,99607,48276	28442	9,13051,77565	15,87142	10,86948,22435	30	
	40	9,12674,84541	15,58129	9,99607,19834	28452	9,13067,64707	15,86581	10,86932,35293	20	
	50	9,12690,42670	15,57560	9,99606,91382	28463	9,13083,51288	15,86023	10,86916,48712	10	
42	0	9,12706,00230	15,56991	9,99606,62919	28473	9,13099,37311	15,85464	10,86900,62689	0	18
	10	9,12721,57221	15,56422	9,99606,34446	28483	9,13115,22775	15,84905	10,86884,77225	50	
	20	9,12737,13643	15,55855	9,99606,05963	28494	9,13131,07680	15,84349	10,86868,92320	40	
	30	9,12752,69498	15,55289	9,99605,77469	28504	9,13146,92029	15,83793	10,86853,07971	30	
	40	9,12768,24787	15,54721	9,99605,48965	28515	9,13162,75822	15,83236	10,86837,24178	20	
	50	9,12783,79508	15,54154	9,99605,20450	28525	9,13178,59058	15,82679	10,86821,40942	10	
43	0	9,12799,33662	15,53587	9,99604,91925	28535	9,13194,41737	15,82122	10,86805,58263	0	17
	10	9,12814,87249	15,53023	9,99604,63390	28546	9,13210,23859	15,81569	10,86789,76141	50	
	20	9,12830,40272	15,52457	9,99604,34844	28556	9,13226,05428	15,81013	10,86773,94572	40	
	30	9,12845,92729	15,51891	9,99604,06288	28567	9,13241,86441	15,80458	10,86758,13559	30	
	40	9,12861,44620	15,51328	9,99603,77721	28577	9,13257,66899	15,79905	10,86742,33101	20	
	50	9,12876,95948	15,50763	9,99603,49144	28587	9,13273,46804	15,79350	10,86726,53196	10	
44	0	9,12892,46711	15,50201	9,99603,20557	28598	9,13289,26154	15,78799	10,86710,73846	0	16
	10	9,12907,96912	15,49636	9,99602,91959	28608	9,13305,04953	15,78244	10,86694,95047	50	
	20	9,12923,46548	15,49073	9,99602,63351	28618	9,13320,83197	15,77691	10,86679,16803	40	
	30	9,12938,95621	15,48512	9,99602,34733	28629	9,13336,60888	15,77141	10,86663,39112	30	
	40	9,12954,44133	15,47950	9,99602,06104	28639	9,13352,38029	15,76589	10,86647,61971	20	
	50	9,12969,92083	15,47386	9,99601,77465	28650	9,13368,14618	15,76036	10,86631,85382	10	
45	0	9,12985,39469	15,46824	9,99601,48815	28660	9,13383,90654	15,75484	10,86616,09346	0	15
	10	9,13000,86293	15,46265	9,99601,20155	28670	9,13399,66138	15,74935	10,86600,33862	50	
	20	9,13016,32558	15,45704	9,99600,91485	28681	9,13415,41073	15,74385	10,86584,58927	40	
	30	9,13031,78262	15,45142	9,99600,62804	28691	9,13431,15458	15,73833	10,86568,84542	30	
	40	9,13047,23404	15,44584	9,99600,34113	28702	9,13446,89291	15,73286	10,86553,10709	20	
	50	9,13062,67988	15,44025	9,99600,05411	28712	9,13462,62577	15,72737	10,86537,37423	10	
46	0	9,13078,12013	15,43467	9,99599,76699	28723	9,13478,35314	15,72190	10,86521,64686	0	14
	10	9,13093,55480	15,42908	9,99599,47976	28733	9,13494,07504	15,71641	10,86505,92496	50	
	20	9,13108,98388	15,42349	9,99599,19243	28743	9,13509,79145	15,71092	10,86490,20855	40	
	30	9,13124,40737	15,41790	9,99598,90500	28754	9,13525,50237	15,70544	10,86474,49763	30	
	40	9,13139,82527	15,41236	9,99598,61746	28764	9,13541,20781	15,70000	10,86458,79219	20	
	50	9,13155,23763	15,40677	9,99598,32982	28774	9,13556,90781	15,69451	10,86443,09219	10	
47	0	9,13170,64440	15,40121	9,99598,04208	28785	9,13572,60232	15,68906	10,86427,39768	0	13
	10	9,13186,04561	15,39566	9,99597,75423	28795	9,13588,29138	15,68361	10,86411,70862	50	
	20	9,13201,44127	15,39007	9,99597,46628	28806	9,13603,97499	15,67813	10,86396,02501	40	
	30	9,13216,83134	15,38451	9,99597,17822	28816	9,13619,65312	15,67267	10,86380,34688	30	
	40	9,13232,21585	15,37899	9,99596,89006	28826	9,13635,32579	15,66725	10,86364,67421	20	
	50	9,13247,59484	15,37344	9,99596,60180	28837	9,13650,99304	15,66181	10,86349,00696	10	
48	0	9,13262,96828	15,36791	9,99596,31343	28847	9,13666,65485	15,65638	10,86333,34515	0	12
	10	9,13278,33619	15,36237	9,99596,02496	28858	9,13682,31123	15,65095	10,86317,68877	50	
	20	9,13293,69856	15,35680	9,99595,73638	28868	9,13697,96218	15,64548	10,86302,03782	40	
	30	9,13309,05536	15,35127	9,99595,44770	28878	9,13713,60766	15,64005	10,86286,39234	30	
	40	9,13324,40663	15,34576	9,99595,15892	28889	9,13729,24771	15,63465	10,86270,75229	20	
	50	9,13339,75239	15,34024	9,99594,87003	28899	9,13744,88236	15,62923	10,86255,11764	10	
49	0	9,13355,09263	15,33474	9,99594,58104	28910	9,13760,51159	15,62384	10,86239,48841	0	11
	10	9,13370,42737	15,32923	9,99594,29194	28920	9,13776,13543	15,61843	10,86223,86457	50	
	20	9,13385,75660	15,32369	9,99594,00274	28930	9,13791,75386	15,61299	10,86208,24614	40	
	30	9,13401,08029	15,31817	9,99593,71344	28941	9,13807,36685	15,60758	10,86192,63315	30	
	40	9,13416,39846	15,31269	9,99593,42403	28951	9,13822,97443	15,60220	10,86177,02557	20	
	50	9,13431,71115	15,30719	9,99593,13452	28962	9,13838,57663	15,59681	10,86161,42337	10	
50	0	9,13447,01834	15,30167	9,99592,84490	28972	9,13854,17344	15,59139	10,86145,82656	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
50	0	9,13447,01834	15,30167	9,99592,84490	28972	9,13854,17344	15,59139	10,86145,82656	0	10
	10	9,13462,32001	15,29621	9,99592,55518	28982	9,13869,76483	15,58603	10,86130,23517	50	
	20	9,13477,61622	15,29073	9,99592,26536	28993	9,13885,35086	15,58066	10,86114,64914	40	
	30	9,13492,90695	15,28522	9,99591,97543	29003	9,13900,93152	15,57525	10,86099,06848	30	
	40	9,13508,19217	15,27976	9,99591,68540	29014	9,13916,50677	15,56990	10,86083,49323	20	
	50	9,13523,47193	15,27428	9,99591,39526	29024	9,13932,07667	15,56452	10,86067,92333	10	
51	0	9,13538,74621	15,26881	9,99591,10502	29034	9,13947,64119	15,55915	10,86052,35881	0	9
	10	9,13554,01502	15,26332	9,99590,81468	29045	9,13963,20034	15,55377	10,86036,79966	50	
	20	9,13569,27834	15,25788	9,99590,52423	29055	9,13978,75411	15,54843	10,86021,24589	40	
	30	9,13584,53622	15,25242	9,99590,23368	29066	9,13994,30254	15,54308	10,86005,69746	30	
	40	9,13599,78864	15,24693	9,99589,94302	29076	9,14009,84562	15,53769	10,85990,15438	20	
	50	9,13615,03557	15,24149	9,99589,65226	29086	9,14025,38331	15,53235	10,85974,61669	10	
52	0	9,13630,27706	15,23607	9,99589,36140	29098	9,14040,91566	15,52705	10,85959,08434	0	8
	10	9,13645,51313	15,23061	9,99589,07042	29107	9,14056,44271	15,52168	10,85943,55729	50	
	20	9,13660,74374	15,22515	9,99588,77935	29118	9,14071,96439	15,51633	10,85928,03561	40	
	30	9,13675,96889	15,21972	9,99588,48817	29128	9,14087,48072	15,51100	10,85912,51928	30	
	40	9,13691,18861	15,21428	9,99588,19689	29138	9,14102,99172	15,50566	10,85897,00828	20	
	50	9,13706,40289	15,20888	9,99587,90551	29149	9,14118,49738	15,50038	10,85881,50262	10	
53	0	9,13721,61177	15,20345	9,99587,61402	29159	9,14133,99776	15,49503	10,85866,00224	0	7
	10	9,13736,81522	15,19803	9,99587,32243	29170	9,14149,49279	15,48973	10,85850,50721	50	
	20	9,13752,01325	15,19257	9,99587,03073	29180	9,14164,98252	15,48437	10,85835,01748	40	
	30	9,13767,20582	15,18716	9,99586,73893	29190	9,14180,46689	15,47906	10,85819,53311	30	
	40	9,13782,39298	15,18177	9,99586,44703	29201	9,14195,94595	15,47378	10,85804,05405	20	
	50	9,13797,57475	15,17636	9,99586,15502	29211	9,14211,41973	15,46847	10,85788,58027	10	
54	0	9,13812,75111	15,17095	9,99585,86291	29222	9,14226,88820	15,46317	10,85773,11180	0	6
	10	9,13827,92206	15,16557	9,99585,57069	29232	9,14242,35137	15,45789	10,85757,64863	50	
	20	9,13843,08763	15,16016	9,99585,27837	29242	9,14257,80926	15,45258	10,85742,19074	40	
	30	9,13858,24779	15,15476	9,99584,98595	29253	9,14273,26184	15,44729	10,85726,73816	30	
	40	9,13873,40255	15,14939	9,99584,69342	29263	9,14288,70913	15,44202	10,85711,29087	20	
	50	9,13888,55194	15,14400	9,99584,40079	29274	9,14304,15115	15,43674	10,85695,84885	10	
55	0	9,13903,69594	15,13861	9,99584,10805	29284	9,14319,58789	15,43145	10,85680,41211	0	5
	10	9,13918,83455	15,13325	9,99583,81521	29295	9,14335,01934	15,42620	10,85664,98066	50	
	20	9,13933,96780	15,12785	9,99583,52226	29305	9,14350,44554	15,42090	10,85649,55446	40	
	30	9,13949,09565	15,12248	9,99583,22921	29315	9,14365,86644	15,41563	10,85634,13356	30	
	40	9,13964,21813	15,11712	9,99582,93606	29326	9,14381,28207	15,41038	10,85618,71793	20	
	50	9,13979,33525	15,11179	9,99582,64280	29336	9,14396,69245	15,40516	10,85603,30755	10	
56	0	9,13994,44704	15,10643	9,99582,34944	29347	9,14412,09761	15,39989	10,85587,90239	0	4
	10	9,14009,55347	15,10105	9,99582,05597	29357	9,14427,49750	15,39462	10,85572,50250	50	
	20	9,14024,65452	15,09568	9,99581,76240	29367	9,14442,89212	15,38935	10,85557,10788	40	
	30	9,14039,75020	15,09035	9,99581,46873	29378	9,14458,28147	15,38413	10,85541,71853	30	
	40	9,14054,84055	15,08502	9,99581,17495	29388	9,14473,66560	15,37890	10,85526,33440	20	
	50	9,14069,92557	15,07967	9,99580,88107	29399	9,14489,04450	15,37366	10,85510,95550	10	
57	0	9,14085,00524	15,07435	9,99580,58708	29409	9,14504,41816	15,36844	10,85495,58184	0	3
	10	9,14100,07959	15,06899	9,99580,29299	29419	9,14519,78660	15,36318	10,85480,21340	50	
	20	9,14115,14858	15,06366	9,99579,99880	29430	9,14535,14978	15,35796	10,85464,85022	40	
	30	9,14130,21224	15,05834	9,99579,70450	29440	9,14550,50774	15,35274	10,85449,49226	30	
	40	9,14145,27058	15,05304	9,99579,41010	29451	9,14565,86048	15,34755	10,85434,13952	20	
	50	9,14160,32362	15,04772	9,99579,11559	29461	9,14581,20803	15,34233	10,85418,79197	10	
58	0	9,14175,37134	15,04239	9,99578,82098	29472	9,14596,55036	15,33711	10,85403,44964	0	2
	10	9,14190,41373	15,03708	9,99578,52626	29482	9,14611,88747	15,33190	10,85388,11253	50	
	20	9,14205,45081	15,03178	9,99578,23144	29492	9,14627,21937	15,32670	10,85372,78063	40	
	30	9,14220,48259	15,02647	9,99577,93652	29503	9,14642,54607	15,32150	10,85357,45393	30	
	40	9,14235,50906	15,02119	9,99577,64149	29513	9,14657,86757	15,31632	10,85342,13243	20	
	50	9,14250,53025	15,01589	9,99577,34636	29523	9,14673,18389	15,31112	10,85326,81611	10	
59	0	9,14265,54614	15,01057	9,99577,05113	29534	9,14688,49501	15,30591	10,85311,50499	0	1
	10	9,14280,55671	15,00529	9,99576,75579	29544	9,14703,80092	15,30073	10,85296,19908	50	
	20	9,14295,56200	15,00003	9,99576,46035	29555	9,14719,10165	15,29558	10,85280,89835	40	
	30	9,14310,56203	14,99474	9,99576,16480	29565	9,14734,39723	15,29039	10,85265,60277	30	
	40	9,14325,55677	14,98944	9,99575,86915	29575	9,14749,68762	15,28519	10,85250,31238	20	
	50	9,14340,54621	14,98418	9,99575,57340	29586	9,14764,97281	15,28004	10,85235,02719	10	
60	0	9,14355,53039	14,97891	9,99575,27754	29596	9,14780,25285	15,27487	10,85219,74715	0	0
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,14355,53929	14,97891	9,99575,27754	29596	9,14780,25285	15,27487	10,85219,74715	0	60
	10	9,14370,50930	14,97364	9,99574,98158	29607	9,14795,52772	15,26971	10,85204,47228	50	
	20	9,14385,48294	14,96839	9,99574,68551	29617	9,14810,79743	15,26456	10,85189,20257	40	
	30	9,14400,45133	14,96311	9,99574,38934	29628	9,14826,06199	15,25939	10,85173,93801	30	
	40	9,14415,41444	14,95787	9,99574,09306	29638	9,14841,32138	15,25425	10,85158,67862	20	
	50	9,14430,37231	14,95263	9,99573,79668	29648	9,14856,57563	15,24911	10,85143,42437	10	
1	0	9,14445,32494	14,94737	9,99573,50020	29659	9,14871,82474	15,24396	10,85128,17526	0	59
	10	9,14460,27231	14,94212	9,99573,20361	29669	9,14887,06870	15,23881	10,85112,93130	50	
	20	9,14475,21443	14,93688	9,99572,90692	29680	9,14902,30751	15,23368	10,85097,69249	40	
	30	9,14490,15131	14,93164	9,99572,61012	29690	9,14917,54119	15,22854	10,85082,45881	30	
	40	9,14505,08295	14,92640	9,99572,31322	29700	9,14932,76973	15,22340	10,85067,23027	20	
	50	9,14520,00935	14,92119	9,99572,01622	29711	9,14947,99313	15,21830	10,85052,00687	10	
2	0	9,14534,93054	14,91594	9,99571,71911	29721	9,14963,21143	15,21315	10,85036,78857	0	58
	10	9,14549,84648	14,91074	9,99571,42190	29732	9,14978,42458	15,20806	10,85021,57542	50	
	20	9,14564,75722	14,90552	9,99571,12458	29742	9,14993,63264	15,20294	10,85006,36736	40	
	30	9,14579,66274	14,90030	9,99570,82716	29753	9,15008,83558	15,19783	10,84991,16442	30	
	40	9,14594,56304	14,89507	9,99570,52963	29763	9,15024,03341	15,19270	10,84975,96659	20	
	50	9,14609,45811	14,88987	9,99570,23200	29773	9,15039,22611	15,18760	10,84960,77389	10	
3	0	9,14624,34798	14,88467	9,99569,93427	29784	9,15054,41371	15,18251	10,84945,58629	0	57
	10	9,14639,23265	14,87946	9,99569,63643	29794	9,15069,59622	15,17740	10,84930,40378	50	
	20	9,14654,11211	14,87428	9,99569,33849	29805	9,15084,77362	15,17233	10,84915,22638	40	
	30	9,14668,98639	14,86906	9,99569,04044	29815	9,15099,94595	15,16721	10,84900,05405	30	
	40	9,14683,85545	14,86389	9,99568,74229	29825	9,15115,11316	15,16214	10,84884,88684	20	
	50	9,14698,71934	14,85870	9,99568,44404	29836	9,15130,27530	15,15706	10,84869,72470	10	
4	0	9,14713,57804	14,85351	9,99568,14568	29846	9,15145,43236	15,15197	10,84854,56764	0	56
	10	9,14728,43155	14,84832	9,99567,84722	29857	9,15160,58433	15,14689	10,84839,41567	50	
	20	9,14743,27987	14,84315	9,99567,54865	29867	9,15175,73122	15,14182	10,84824,26878	40	
	30	9,14758,12302	14,83797	9,99567,24998	29877	9,15190,87304	15,13674	10,84809,12696	30	
	40	9,14772,96099	14,83281	9,99566,95121	29888	9,15206,00978	15,13169	10,84793,99022	20	
	50	9,14787,79380	14,82765	9,99566,65233	29898	9,15221,14147	15,12663	10,84778,85853	10	
5	0	9,14802,62145	14,82249	9,99566,35335	29909	9,15236,26810	15,12158	10,84763,73190	0	55
	10	9,14817,44394	14,81732	9,99566,05426	29919	9,15251,38968	15,11651	10,84748,61032	50	
	20	9,14832,26126	14,81217	9,99565,75507	29930	9,15266,50619	15,11147	10,84733,49381	40	
	30	9,14847,07343	14,80701	9,99565,45577	29940	9,15281,61766	15,10641	10,84718,38234	30	
	40	9,14861,88044	14,80186	9,99565,15637	29950	9,15296,72407	15,10136	10,84703,27593	20	
	50	9,14876,68230	14,79673	9,99564,85687	29961	9,15311,82543	15,09634	10,84688,17457	10	
6	0	9,14891,47903	14,79157	9,99564,55726	29971	9,15326,92177	15,09128	10,84673,07823	0	54
	10	9,14906,27060	14,78646	9,99564,25755	29982	9,15342,01305	15,08628	10,84657,98695	50	
	20	9,14921,05706	14,78130	9,99563,95773	29992	9,15357,09933	15,08122	10,84642,90067	40	
	30	9,14935,83836	14,77617	9,99563,65781	30002	9,15372,18055	15,07619	10,84627,81945	30	
	40	9,14950,61453	14,77105	9,99563,35779	30013	9,15387,25674	15,07118	10,84612,74326	20	
	50	9,14965,38558	14,76591	9,99563,05766	30023	9,15402,32792	15,06614	10,84597,67208	10	
7	0	9,14980,15149	14,76081	9,99562,75743	30034	9,15417,39406	15,06115	10,84582,60594	0	53
	10	9,14994,91230	14,75567	9,99562,45709	30044	9,15432,45521	15,05611	10,84567,54479	50	
	20	9,15009,66797	14,75058	9,99562,15665	30054	9,15447,51132	15,05112	10,84552,48868	40	
	30	9,15024,41855	14,74546	9,99561,85611	30065	9,15462,56244	15,04611	10,84537,43756	30	
	40	9,15039,16401	14,74035	9,99561,55546	30075	9,15477,60855	15,04110	10,84522,39145	20	
	50	9,15053,90436	14,73524	9,99561,25471	30086	9,15492,64965	15,03610	10,84507,35035	10	
8	0	9,15068,63960	14,73015	9,99560,95385	30096	9,15507,68575	15,03111	10,84492,31425	0	52
	10	9,15083,36975	14,72504	9,99560,65289	30107	9,15522,71686	15,02611	10,84477,28314	50	
	20	9,15098,09479	14,71997	9,99560,35182	30117	9,15537,74297	15,02114	10,84462,25703	40	
	30	9,15112,81476	14,71488	9,99560,05065	30127	9,15552,76411	15,01615	10,84447,23589	30	
	40	9,15127,52964	14,70978	9,99559,74938	30138	9,15567,78026	15,01116	10,84432,21974	20	
	50	9,15142,23942	14,70470	9,99559,44800	30148	9,15582,79142	15,00618	10,84417,20858	10	
9	0	9,15156,94412	14,60062	9,99559,14652	30159	9,15597,79760	15,00122	10,84402,20240	0	51
	10	9,15171,64375	14,69454	9,99558,84493	30169	9,15612,79882	14,99623	10,84387,20118	50	
	20	9,15186,33829	14,68948	9,99558,54324	30180	9,15627,79505	14,99128	10,84372,20495	40	
	30	9,15201,02777	14,68441	9,99558,24144	30190	9,15642,78633	14,98631	10,84357,21367	30	
	40	9,15215,71218	14,67935	9,99557,93954	30200	9,15657,77264	14,98135	10,84342,22736	20	
	50	9,15230,39153	14,67428	9,99557,63754	30211	9,15672,75399	14,97639	10,84327,24601	10	
10	0	9,15245,06581	14,66920	9,99557,33543	30221	9,15687,73038	14,97141	10,84312,26962	0	50
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	9,15245,06581	14,66920	9,99557,33543	30221	9,15687,73038	14,97141	10,84312 26962	0	50
	10	9,15259,73501	14,66416	9,99557,03322	30232	9,15702,70179	14,96648	10,84297,29821	50	
	20	9,15274,39917	14,65912	9,99556,73090	30242	9,15717,66827	14,96154	10,84282,33173	40	
	30	9,15289,05829	14,65406	9,99556,42848	30252	9,15732,62981	14,95658	10,84267,37019	30	
	40	9,15303,71235	14,64903	9,99556,12596	30263	9,15747,58639	14,95166	10,84252,41361	20	
	50	9,15318,36138	14,64397	9,99555,82333	30273	9,15762,53805	14,94670	10,84237,46195	10	
11	0	9,15333,00535	14,63894	9,99555,52060	30284	9,15777,48475	14,94178	10,84222,51525	0	49
	10	9,15347,64429	14,63391	9,99555,21776	30294	9,15792,42653	14,93685	10,84207,57347	50	
	20	9,15362,27820	14,62887	9,99554,91482	30304	9,15807,36338	14,93191	10,84192,63662	40	
	30	9,15376,90707	14,62385	9,99554,61178	30315	9,15822,29529	14,92700	10,84177,70471	30	
	40	9,15391,53092	14,61881	9,99554,30863	30325	9,15837,22229	14,92206	10,84162,77771	20	
	50	9,15406,14973	14,61380	9,99554,00538	30336	9,15852,14435	14,91716	10,84147,85565	10	
12	0	9,15420,76353	14,60878	9,99553,70202	30346	9,15867,06151	14,91224	10,84132,93849	0	48
	10	9,15435,37231	14,60378	9,99553,39856	30357	9,15881,97375	14,90735	10,84118,02625	50	
	20	9,15449,97609	14,59876	9,99553,09499	30367	9,15896,88110	14,90243	10,84103,11890	40	
	30	9,15464,57485	14,59376	9,99552,79132	30378	9,15911,78353	14,89754	10,84088,21647	30	
	40	9,15479,16861	14,58874	9,99552,48754	30388	9,15926,68107	14,89262	10,84073,31893	20	
	50	9,15493,75735	14,58373	9,99552,18366	30398	9,15941,57369	14,88771	10,84058,42631	10	
13	0	9,15508,34108	14,57874	9,99551,87968	30409	9,15956,46140	14,88283	10,84043,53860	0	47
	10	9,15522,91982	14,57375	9,99551,57559	30419	9,15971,34423	14,87794	10,84028,65577	50	
	20	9,15537,49357	14,56877	9,99551,27140	30430	9,15986,22217	14,87307	10,84013,77783	40	
	30	9,15552,06234	14,56378	9,99550,96710	30440	9,16001,09524	14,86818	10,83998,90476	30	
	40	9,15566,62612	14,55878	9,99550,66270	30450	9,16015,96342	14,86328	10,83984,03658	20	
	50	9,15581,18490	14,55380	9,99550,35820	30461	9,16030,82670	14,85841	10,83969,17330	10	
14	0	9,15595,73870	14,54883	9,99550,05359	30471	9,16045,68511	14,85354	10,83954,31489	0	46
	10	9,15610,28753	14,54386	9,99549,74888	30482	9,16060,53865	14,84868	10,83939,46135	50	
	20	9,15624,83139	14,53888	9,99549,44406	30492	9,16075,38733	14,84380	10,83924,61267	40	
	30	9,15639,37027	14,53391	9,99549,13914	30502	9,16090,23113	14,83893	10,83909,76887	30	
	40	9,15653,90418	14,52895	9,99548,83412	30513	9,16105,07006	14,83408	10,83894,92994	20	
	50	9,15668,43313	14,52399	9,99548,52899	30523	9,16119,90414	14,82922	10,83880,09586	10	
15	0	9,15682,95712	14,51905	9,99548,22376	30534	9,16134,73336	14,82439	10,83865,26664	0	45
	10	9,15697,47617	14,51408	9,99547,91842	30544	9,16149,55775	14,81952	10,83850,44225	50	
	20	9,15711,99025	14,50913	9,99547,61298	30555	9,16164,37727	14,81468	10,83835,62273	40	
	30	9,15726,49938	14,50418	9,99547,30743	30565	9,16179,19195	14,80983	10,83820.80805	30	
	40	9,15741,00356	14,49923	9,99547,00178	30575	9,16194,00178	14,80498	10,83805,99822	20	
	50	9,15755,50279	14,49430	9,99546,69603	30586	9,16208,80676	14,80016	10,83791,19324	10	
16	0	9,15769,99709	14,48935	9,99546,39017	30596	9,16223,60692	14,79531	10,83776,39308	0	44
	10	9,15784,48644	14,48440	9,99546,08421	30607	9,16238,40223	14,79047	10,83761,59777	50	
	20	9,15798,97084	14,47950	9,99545,77814	30617	9,16253,19270	14,78567	10,83746,80730	40	
	30	9,15813,45034	14,47456	9,99545,47197	30628	9,16267,97837	14,78084	10,83732,02163	30	
	40	9,15827,92490	14,46966	9,99545,16569	30638	9,16282,75921	14,77604	10,83717,24079	20	
	50	9,15842,39456	14,46472	9,99544,85931	30649	9,16297,53525	14,77121	10,83702,46475	10	
17	0	9,15856,85928	14,45980	9,99544,55282	30659	9,16312,30646	14,76639	10,83687,69354	0	43
	10	9,15871,31908	14,45488	9,99544,24623	30669	9,16327,07285	14,76157	10,83672,92715	50	
	20	9,15885,77396	14,44999	9,99543,93954	30680	9,16341,83442	14,75679	10,83658,16558	40	
	30	9,15900,22395	14,44507	9,99543,63274	30690	9,16356,59121	14,75197	10,83643.40879	30	
	40	9,15914,66902	14,44014	9,99543,32584	30700	9,16371,34318	14,74714	10,83628,65682	20	
	50	9,15929,10916	14,43526	9,99543,01884	30711	9,16386,09032	14,74237	10,83613,90968	10	
18	0	9,15943,54442	14,43036	9,99542,71173	30721	9,16400,83269	14,73757	10,83599,16731	0	42
	10	9,15957,97478	14,42547	9,99542,40452	30732	9,16415,57026	14,73279	10,83584,42974	50	
	20	9,15972,40025	14,42056	9,99542,09720	30742	9,16430,30305	14,72798	10,83569,69695	40	
	30	9,15986,82081	14,41568	9,99541,78978	30753	9,16445,03103	14,72321	10,83554,96897	30	
	40	9,16001,23649	14,41081	9,99541,48225	30763	9,16459,75424	14,71844	10,83540,24576	20	
	50	9,16015,64730	14,40592	9,99541,17462	30774	9,16474,47268	14,71366	10,83525,52732	10	
19	0	9,16030,05322	14,40103	9,99540,86688	30784	9,16489,18634	14,70887	10,83510,81366	0	41
	10	9,16044,45425	14,39615	9,99540,55904	30794	9,16503,89521	14,70409	10,83496,10479	50	
	20	9,16058,85040	14,39130	9,99540,25110	30805	9,16518,59930	14,69935	10,83481,40070	40	
	30	9,16073,24170	14,38642	9,99539,94305	30815	9,16533,29865	14,69457	10,83466,70135	30	
	40	9,16087,62812	14,38155	9,99539,63490	30826	9,16547,99322	14,68981	10,83452,00678	20	
	50	9,16102,00967	14,37669	9,99539,32664	30836	9,16562,68303	14,68505	10,83437,31697	10	
20	0	9,16116,38636	14,37185	9,99539,01828	30847	9,16577,36808	14,68032	10,83422,63192	0	40
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,16116,38636	14,37185	9,99539,01828	30847	9,16577,36808	14,68032	10,83422,63192	0	40
	10	9,16130,75821	14,36697	9,99538,70981	30857	9,16592,04840	14,67554	10,83407,95160	50	
	20	9,16145,12518	14,36211	9,99538,40124	30867	9,16606,72394	14,67078	10,83393,27606	40	
	30	9,16159,48729	14,35727	9,99538,09257	30878	9,16621,39472	14,66605	10,83378,60528	30	
	40	9,16173,84456	14,35243	9,99537,78379	30888	9,16636,06077	14,66131	10,83363,93923	20	
	50	9,16188,19699	14,34757	9,99537,47491	30899	9,16650,72208	14,65656	10,83349,27792	10	
21	0	9,16202,54456	14,34273	9,99537,16592	30909	9,16665,37864	14,65182	10,83334,62136	0	39
	10	9,16216,88729	14,33792	9,99536,85683	30920	9,16680,03046	14,64712	10,83319,96954	50	
	20	9,16231,22521	14,33307	9,99536,54763	30930	9,16694,67758	14,64237	10,83305,32242	40	
	30	9,16245,55828	14,32823	9,99536,23833	30940	9,16709,31995	14,63763	10,83290,68005	30	
	40	9,16259,88651	14,32343	9,99535,92893	30951	9,16723,95758	14,63294	10,83276,04242	20	
	50	9,16274,20994	14,31859	9,99535,61942	30961	9,16738,59052	14,62820	10,83261,40948	10	
22	0	9,16288,52853	14,31377	9,99535,30981	30972	9,16753,21872	14,62349	10,83246,78128	0	38
	10	9,16302,84230	14,30895	9,99535,00009	30982	9,16767,84221	14,61877	10,83232,15779	50	
	20	9,16317,15125	14,30412	9,99534,69027	30992	9,16782,46098	14,61404	10,83217,53902	40	
	30	9,16331,45537	14,29931	9,99534,38035	31003	9,16797,07502	14,60934	10,83202,92498	30	
	40	9,16345,75468	14,29450	9,99534,07032	31013	9,16811,68436	14,60463	10,83188,31564	20	
	50	9,16360,04918	14,28971	9,99533,76019	31024	9,16826,28899	14,59995	10,83173,71101	10	
23	0	9,16374,33889	14,28492	9,99533,44995	31034	9,16840,88894	14,59526	10,83159,11106	0	37
	10	9,16388,62381	14,28010	9,99533,13961	31045	9,16855,48420	14,59055	10,83144,51580	50	
	20	9,16402,90391	14,27530	9,99532,82916	31055	9,16870,07475	14,58585	10,83129,92525	40	
	30	9,16417,17921	14,27051	9,99532,51861	31066	9,16884,66060	14,58117	10,83115,33940	30	
	40	9,16431,44972	14,26572	9,99532,20795	31076	9,16899,24177	14,57648	10,83100,75823	20	
	50	9,16445,71544	14,26095	9,99531,89719	31086	9,16913,81825	14,57181	10,83086,18175	10	
24	0	9,16459,97639	14,25617	9,99531,58633	31097	9,16928,39006	14,56714	10,83071,60994	0	36
	10	9,16474,23256	14,25137	9,99531,27536	31107	9,16942,95720	14,56244	10,83057,04280	50	
	20	9,16488,48393	14,24660	9,99530,96429	31118	9,16957,51964	14,55778	10,83042,48036	40	
	30	9,16502,73053	14,24182	9,99530,65311	31128	9,16972,07742	14,55310	10,83027,92258	30	
	40	9,16516,97235	14,23706	9,99530,34183	31138	9,16986,63052	14,54844	10,83013,36948	20	
	50	9,16531,20941	14,23228	9,99530,03045	31149	9,17001,17896	14,54377	10,82998,82104	10	
25	0	9,16545,44169	14,22752	9,99529,71896	31159	9,17015,72273	14,53911	10,82984,27727	0	35
	10	9,16559,66921	14,22276	9,99529,40737	31170	9,17030,26184	14,53446	10,82969,73816	50	
	20	9,16573,89197	14,21799	9,99529,09567	31180	9,17044,79630	14,52979	10,82955,20370	40	
	30	9,16588,10996	14,21324	9,99528,78387	31191	9,17059,32609	14,52515	10,82940,67391	30	
	40	9,16602,32320	14,20851	9,99528,47196	31201	9,17073,85124	14,52052	10,82926,14876	20	
	50	9,16616,53171	14,20374	9,99528,15995	31212	9,17088,37176	14,51586	10,82911,62824	10	
26	0	9,16630,73545	14,19899	9,99527,84783	31222	9,17102,88762	14,51121	10,82897,11238	0	34
	10	9,16644,93444	14,19427	9,99527,53561	31233	9,17117,39883	14,50660	10,82882,60117	50	
	20	9,16659,12871	14,18953	9,99527,22328	31243	9,17131,90543	14,50196	10,82868,09457	40	
	30	9,16673,31824	14,18477	9,99526,91085	31253	9,17146,40739	14,49730	10,82853,59261	30	
	40	9,16687,50301	14,18006	9,99526,59832	31264	9,17160,90469	14,49270	10,82839,09531	20	
	50	9,16701,68307	14,17530	9,99526,28568	31274	9,17175,39739	14,48804	10,82824,60261	10	
27	0	9,16715,85837	14,17060	9,99525,97294	31285	9,17189,88543	14,48345	10,82810,11457	0	33
	10	9,16730,02897	14,16587	9,99525,66009	31295	9,17204,36888	14,47882	10,82795,63112	50	
	20	9,16744,19484	14,16114	9,99525,34714	31305	9,17218,84770	14,47419	10,82781,15230	40	
	30	9,16758,35598	14,15641	9,99525,03409	31316	9,17233,32189	14,46957	10,82766,67811	30	
	40	9,16772,51239	14,15172	9,99524,72093	31326	9,17247,79146	14,46498	10,82752,20854	20	
	50	9,16786,66411	14,14699	9,99524,40767	31337	9,17262,25644	14,46036	10,82737,74356	10	
28	0	9,16800,81110	14,14230	9,99524,09430	31347	9,17276,71680	14,45577	10,82723,28320	0	32
	10	9,16814,95340	14,13758	9,99523,78083	31358	9,17291,17257	14,45116	10,82708,82743	50	
	20	9,16829,09098	14,13288	9,99523,46725	31368	9,17305,62373	14,44656	10,82694,37627	40	
	30	9,16843,22386	14,12819	9,99523,15357	31379	9,17320,07029	14,44198	10,82679,92971	30	
	40	9,16857,35205	14,12347	9,99522,83978	31389	9,17334,51227	14,43736	10,82665,48773	20	
	50	9,16871,47552	14,11880	9,99522,52589	31399	9,17348,94963	14,43279	10,82651,05037	10	
29	0	9,16885,59432	14,11411	9,99522,21190	31410	9,17363,38242	14,42821	10,82636,61758	0	31
	10	9,16899,70843	14,10940	9,99521,89780	31420	9,17377,81063	14,42360	10,82622,18937	50	
	20	9,16913,81783	14,10473	9,99521,58360	31431	9,17392,23423	14,41904	10,82607,76577	40	
	30	9,16927,92256	14,10004	9,99521,26929	31441	9,17406,65327	14,41445	10,82593,34673	30	
	40	9,16942,02260	14,09536	9,99520,95488	31451	9,17421,06772	14,40987	10,82578,93228	20	
	50	9,16956,11796	14,09071	9,99520,64037	31462	9,17435,47759	14,40534	10,82564,52241	10	
30	0	9,16970,20867	14,08603	9,99520,32575	31472	9,17449,88293	14,40074	10,82550 11707	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,16970,20867	14,08603	9,99520,32575	31472	9,17449,88293	14,40074	10,82550,11707	0	30
	10	9,16984,29470	14,08134	9,99520,01103	31483	9,17464,28367	14,39617	10,82535,71633	50	
	20	9,16998,37604	14,07669	9,99519,69620	31493	9,17478,67984	14,39162	10,82521,32016	40	
	30	9,17012,45273	14,07203	9,99519,38127	31504	9,17493,07146	14,38707	10,82506,92854	30	
	40	9,17026,52476	14,06736	9,99519,06623	31514	9,17507,45853	14,38250	10,82492,54147	20	
	50	9,17040,59212	14,06271	9,99518,75109	31525	9,17521,84103	14,37796	10,82478,15897	10	
31	0	9,17054,65483	14,05804	9,99518,43584	31535	9,17536,21899	14,37339	10,82463,78101	0	29
	10	9,17068,71287	14,05340	9,99518,12049	31546	9,17550,59238	14,36886	10,82449,40762	50	
	20	9,17082,76627	14,04875	9,99517,80503	31556	9,17564,96124	14,36431	10,82435,03876	40	
	30	9,17096,81502	14,04412	9,99517,48947	31566	9,17579,32555	14,35978	10,82420,67445	30	
	40	9,17110,85914	14,03945	9,99517,17381	31577	9,17593,68533	14,35522	10,82406,31467	20	
	50	9,17124,89859	14,03483	9,99516,85804	31587	9,17608,04055	14,35070	10,82391,95945	10	
32	0	9,17138,93342	14,03020	9,99516,54217	31598	9,17622,39125	14,34618	10,82377,60875	0	28
	10	9,17152,96362	14,02554	9,99516,22619	31608	9,17636,73743	14,34162	10,82363,26257	50	
	20	9,17166,98916	14,02093	9,99515,91011	31618	9,17651,07905	14,33711	10,82348,92095	40	
	30	9,17181,01009	14,01631	9,99515,59393	31629	9,17665,41616	14,33260	10,82334,58384	30	
	40	9,17195,02640	14,01167	9,99515,27764	31639	9,17679,74876	14,32806	10,82320,25124	20	
	50	9,17209,03807	14,00705	9,99514,96125	31650	9,17694,07682	14,32355	10,82305,92318	10	
33	0	9,17223,04512	14,00244	9,99514,64475	31660	9,17708,40037	14,31904	10,82291,59963	0	27
	10	9,17237,04756	13,99780	9,99514,32815	31671	9,17722,71941	14,31451	10,82277,28059	50	
	20	9,17251,04536	13,99322	9,99514,01144	31681	9,17737,03392	14,31003	10,82262,96608	40	
	30	9,17265,03858	13,98862	9,99513,69463	31692	9,17751,34395	14,30554	10,82248,65605	30	
	40	9,17279,02720	13,98398	9,99513,37771	31702	9,17765,64949	14,30100	10,82234,35051	20	
	50	9,17293,01118	13,97939	9,99513,06069	31713	9,17779,95049	14,29652	10,82220,04951	10	
34	0	9,17306,99057	13,97480	9,99512,74356	31723	9,17794,24701	14,29203	10,82205,75299	0	26
	10	9,17320,96537	13,97016	9,99512,42633	31733	9,17808,53904	14,28749	10,82191,46096	50	
	20	9,17334,93553	13,96559	9,99512,10900	31744	9,17822,82653	14,28303	10,82177,17347	40	
	30	9,17348,90112	13,96103	9,99511,79156	31754	9,17837,10956	14,27857	10,82162,89044	30	
	40	9,17362,86215	13,95643	9,99511,47402	31765	9,17851,38813	14,27408	10,82148,61187	20	
	50	9,17376,81858	13,95183	9,99511,15637	31775	9,17865,66221	14,26958	10,82134,33779	10	
35	0	9,17390,77041	13,94725	9,99510,83862	31786	9,17879,93179	14,26511	10,82120,06821	0	25
	10	9,17404,71766	13,94265	9,99510,52076	31796	9,17894,19690	14,26061	10,82105,80310	50	
	20	9,17418,66031	13,93809	9,99510,20280	31806	9,17908,45751	14,25615	10,82091,54249	40	
	30	9,17432,59840	13,93352	9,99509,88474	31817	9,17922,71366	14,25169	10,82077,28634	30	
	40	9,17446,53192	13,92894	9,99509,56657	31827	9,17936,96535	14,24721	10,82063,03465	20	
	50	9,17460,46086	13,92439	9,99509,24830	31838	9,17951,21256	14,24277	10,82048,78744	10	
36	0	9,17474,38525	13,91983	9,99508,92992	31848	9,17965,45533	14,23831	10,82034,54467	0	24
	10	9,17488,30508	13,91525	9,99508,61144	31859	9,17979,69364	14,23384	10,82020,30636	50	
	20	9,17502,22033	13,91069	9,99508,29285	31869	9,17993,92748	14,22938	10,82006,07252	40	
	30	9,17516,13102	13,90614	9,99507,97416	31879	9,18008,15686	14,22493	10,81991,84314	30	
	40	9,17530,03716	13,90157	9,99507,65537	31890	9,18022,38179	14,22047	10,81977,61821	20	
	50	9,17543,93873	13,89702	9,99507,33647	31900	9,18036,60226	14,21602	10,81963,39774	10	
37	0	9,17557,83575	13,89249	9,99507,01747	31911	9,18050,81828	14,21160	10,81949,18172	0	23
	10	9,17571,72824	13,88793	9,99506,69836	31921	9,18065,02988	14,20714	10,81934,97012	50	
	20	9,17585,61617	13,88340	9,99506,37915	31932	9,18079,23702	14,20272	10,81920,76298	40	
	30	9,17599,49957	13,87887	9,99506,05983	31942	9,18093,43974	14,19829	10,81906,56026	30	
	40	9,17613,37844	13,87432	9,99505,74041	31953	9,18107,63803	14,19385	10,81892,36197	20	
	50	9,17627,25276	13,86979	9,99505,42088	31963	9,18121,83188	14,18942	10,81878,16812	10	
38	0	9,17641,12255	13,86527	9,99505,10125	31974	9,18136,02130	14,18501	10,81863,97870	0	22
	10	9,17654,98782	13,86072	9,99504,78151	31984	9,18150,20631	14,18056	10,81849,79369	50	
	20	9,17668,84854	13,85621	9,99504,46167	31994	9,18164,38687	14,17615	10,81835,61313	40	
	30	9,17682,70475	13,85170	9,99504,14173	32005	9,18178,56302	14,17175	10,81821,43698	30	
	40	9,17696,55645	13,84717	9,99503,82168	32015	9,18192,73477	14,16732	10,81807,26523	20	
	50	9,17710,40362	13,84264	9,99503,50153	32026	9,18206,90209	14,16290	10,81793,09791	10	
39	0	9,17724,24626	13,83814	9,99503,18127	32036	9,18221,06499	14,15850	10,81778,93501	0	21
	10	9,17738,08440	13,83365	9,99502,86091	32047	9,18235,22349	14,15412	10,81764,77651	50	
	20	9,17751,91805	13,82912	9,99502,54044	32057	9,18249,37761	14,14969	10,81750,62239	40	
	30	9,17765,74717	13,82460	9,99502,21987	32067	9,18263,52730	14,14527	10,81736,47270	30	
	40	9,17779,57177	13,82013	9,99501,89920	32078	9,18277,67257	14,14091	10,81722,32743	20	
	50	9,17793,39190	13,81561	9,99501,57842	32088	9,18291,81348	14,13649	10,81708,18652	10	
40	0	9,17807,20751	13,81113	9,99501,25754	32099	9,18305,94997	14,13212	10,81694,05003	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
40	0	9,17807,20751	13,81113	9,99501,25754	32099	9,18305,94997	14,13212	10,81694,05003	0	20
	10	9,17821,01864	13,80663	9,99500,93655	32109	9,18320,08209	14,12772	10,81679,91791	50	
	20	9,17834,82527	13,80214	9,99500,61546	32120	9,18334,20981	14,12334	10,81665,79019	40	
	30	9,17848,62741	13,79766	9,99500,29426	32130	9,18348,33315	14,11896	10,81651,66685	30	
	40	9,17862,42507	13,79315	9,99499,97296	32141	9,18362,45211	14,11456	10,81637,54789	20	
	50	9,17876,21822	13,78869	9,99499,65155	32151	9,18376,56667	14,11021	10,81623,43333	10	
41	0	9,17890,00691	13,78421	9,99499,33004	32162	9,18390,67688	14,10582	10,81609,32312	0	19
	10	9,17903,79112	13,77976	9,99499,00842	32172	9,18404,78270	14,10148	10,81595,21730	50	
	20	9,17917,57088	13,77525	9,99498,68670	32182	9,18418,88418	14,09707	10,81581,11582	40	
	30	9,17931,34613	13,77079	9,99498,36488	32193	9,18432,98125	14,09272	10,81567,01875	30	
	40	9,17945,11692	13,76632	9,99498,04295	32203	9,18447,07397	14,08835	10,81552,92603	20	
	50	9,17958,88324	13,76187	9,99497,72092	32214	9,18461,16232	14,08401	10,81538,83768	10	
42	0	9,17972,64511	13,75738	9,99497,39878	32224	9,18475,24633	14,07962	10,81524,75367	0	18
	10	9,17986,40249	13,75295	9,99497,07654	32235	9,18489,32595	14,07530	10,81510,67405	50	
	20	9,18000,15544	13,74849	9,99496,75419	32245	9,18503,40125	14,07094	10,81496,59875	40	
	30	9,18013,90393	13,74404	9,99496,43174	32256	9,18517,47219	14,06660	10,81482,52781	30	
	40	9,18027,64797	13,73958	9,99496,10918	32266	9,18531,53879	14,06224	10,81468,46121	20	
	50	9,18041,38755	13,73512	9,99495,78652	32276	9,18545,60103	14,05788	10,81454,39897	10	
43	0	9,18055,12267	13,73069	9,99495,46376	32287	9,18559,65891	14,05356	10,81440,34109	0	17
	10	9,18068,85336	13,72625	9,99495,14089	32297	9,18573,71247	14,04922	10,81426,28753	50	
	20	9,18082,57961	13,72181	9,99494,81792	32308	9,18587,76169	14,04489	10,81412,23831	40	
	30	9,18096,30142	13,71737	9,99494,49484	32318	9,18601,80658	14,04055	10,81398,19342	30	
	40	9,18110,01879	13,71294	9,99494,17166	32329	9,18615,84713	14,03623	10,81384,15287	20	
	50	9,18123,73173	13,70850	9,99493,84837	32339	9,18629,88336	14,03189	10,81370,11664	10	
44	0	9,18137,44023	13,70409	9,99493,52498	32350	9,18643,91525	14,02759	10,81356,08475	0	16
	10	9,18151,14432	13,69966	9,99493,20148	32360	9,18657,94284	14,02326	10,81342,05716	50	
	20	9,18164,84398	13,69523	9,99492,87788	32370	9,18671,96610	14,01893	10,81328,03390	40	
	30	9,18178,53921	13,69080	9,99492,55418	32381	9,18685,98503	14,01461	10,81314,01497	30	
	40	9,18192,23001	13,68639	9,99492,23037	32391	9,18699,99964	14,01030	10,81300,00036	20	
	50	9,18205,91640	13,68199	9,99491,90646	32402	9,18714,00994	14,00601	10,81285,99006	10	
45	0	9,18219,59839	13,67757	9,99491,58244	32412	9,18728,01595	14,00169	10,81271,98405	0	15
	10	9,18233,27596	13,67317	9,99491,25832	32423	9,18742,01764	13,99740	10,81257,98236	50	
	20	9,18246,94913	13,66876	9,99490,93409	32433	9,18756,01504	13,99309	10,81243,98496	40	
	30	9,18260,61789	13,66436	9,99490,60976	32444	9,18770,00813	13,98880	10,81229,99187	30	
	40	9,18274,28225	13,65994	9,99490,28532	32454	9,18783,99693	13,98448	10,81216,00307	20	
	50	9,18287,94219	13,65556	9,99489,96078	32464	9,18797,98141	13,98021	10,81202,01859	10	
46	0	9,18301,59775	13,65117	9,99489,63614	32475	9,18811,96162	13,97591	10,81188,03838	0	14
	10	9,18315,24892	13,64677	9,99489,31139	32486	9,18825,93753	13,97163	10,81174,06247	50	
	20	9,18328,89569	13,64239	9,99488,98653	32496	9,18839,90916	13,96735	10,81160,09084	40	
	30	9,18342,53808	13,63799	9,99488,66157	32506	9,18853,87651	13,96305	10,81146,12349	30	
	40	9,18356,17607	13,63363	9,99488,33651	32517	9,18867,83956	13,95880	10,81132,16044	20	
	50	9,18369,80970	13,62922	9,99488,01134	32527	9,18881,79836	13,95449	10,81118,20164	10	
47	0	9,18383,43892	13,62485	9,99487,68607	32538	9,18895,75285	13,95023	10,81104,24715	0	13
	10	9,18397,06377	13,62048	9,99487,36069	32548	9,18909,70308	13,94596	10,81090,29692	50	
	20	9,18410,68425	13,61611	9,99487,03521	32559	9,18923,64904	13,94170	10,81076,35096	40	
	30	9,18424,30036	13,61174	9,99486,70962	32569	9,18937,59074	13,93743	10,81062,40926	30	
	40	9,18437,91210	13,60738	9,99486,38393	32579	9,18951,52817	13,93317	10,81048,47183	20	
	50	9,18451,51948	13,60300	9,99486,05814	32590	9,18965,46134	13,92890	10,81034,53866	10	
48	0	9,18465,12248	13,59864	9,99485,73224	32600	9,18979,39024	13,92464	10,81020,60976	0	12
	10	9,18478,72112	13,59430	9,99485,40624	32611	9,18993,31488	13,92041	10,81006,68512	50	
	20	9,18492,31542	13,58993	9,99485,08013	32621	9,19007,23529	13,91614	10,80992,76471	40	
	30	9,18505,90535	13,58558	9,99484,75392	32632	9,19021,15143	13,91190	10,80978,84857	30	
	40	9,18519,49093	13,58122	9,99484,42760	32642	9,19035,06333	13,90764	10,80964,93667	20	
	50	9,18533,07215	13,57688	9,99484,10118	32653	9,19048,97097	13,90341	10,80951,02903	10	
49	0	9,18546,64903	13,57253	9,99483,77465	32663	9,19062,87438	13,89916	10,80937,12562	0	11
	10	9,18560,22156	13,56820	9,99483,44802	32674	9,19076,77354	13,89494	10,80923,22646	50	
	20	9,18573,78976	13,56385	9,99483,12128	32684	9,19090,66848	13,89069	10,80909,33152	40	
	30	9,18587,35361	13,55951	9,99482,79444	32694	9,19104,55917	13,88645	10,80895,44083	30	
	40	9,18600,91312	13,55519	9,99482,46750	32705	9,19118,44562	13,88224	10,80881,55438	20	
	50	9,18614,46831	13,55084	9,99482,14045	32715	9,19132,32786	13,87799	10,80867,67214	10	
50	0	9,18628,01915	13,54651	9,99481,81330	32726	9,19146,20585	13,87377	10,80853,79415	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.	S	M
50	0	9,18628,01915	13,54651	9,99481,81330	32726	9,19146,20585	13,87377	10,80853,79415	0	10
	10	9,18641,56566	13,54220	9,99481,48604	32736	9,19160,07962	13,86956	10,80839,92038	50	
	20	9,18655,10786	13,53788	9,99481,15868	32747	9,19173,94918	13,86535	10,80826,05082	40	
	30	9,18668,64574	13,53354	9,99480,83121	32757	9,19187,81453	13,86111	10,80812,18547	30	
	40	9,18682,17928	13,52924	9,99480,50364	32768	9,19201,67564	13,85692	10,80798,32436	20	
	50	9,18695,70852	13,52492	9,99480,17596	32778	9,19215,53256	13,85270	10,80784,46744	10	
51	0	9,18709,23344	13,52062	9,99479,84818	32789	9,19229,38526	13,84851	10,80770,61474	0	9
	10	9,18722,75406	13,51629	9,99479,52029	32799	9,19243,23377	13,84428	10,80756,76623	50	
	20	9,18736,27035	13,51198	9,99479,19230	32809	9,19257,07805	13,84007	10,80742,92195	40	
	30	9,18749,78233	13,50769	9,99478,86421	32820	9,19270,91812	13,83589	10,80729,08188	30	
	40	9,18763,29002	13,50338	9,99478,53601	32830	9,19284,75401	13,83168	10,80715,24599	20	
	50	9,18776,79340	13,49907	9,99478,20771	32841	9,19298,58569	13,82748	10,80701,41431	10	
52	0	9,18790,29247	13,49478	9,99477,87930	32851	9,19312,41317	13,82329	10,80687,58683	0	8
	10	9,18803,78725	13,49048	9,99477,55079	32862	9,19326,23646	13,81910	10,80673,76354	50	
	20	9,18817,27773	13,48620	9,99477,22217	32872	9,19340,05556	13,81492	10,80659,94444	40	
	30	9,18830,76393	13,48192	9,99476,89345	32883	9,19353,87048	13,81075	10,80646,12952	30	
	40	9,18844,24585	13,47762	9,99476,56462	32893	9,19367,68123	13,80655	10,80632,31877	20	
	50	9,18857,72347	13,47334	9,99476,23569	32904	9,19381,48778	13,80238	10,80618,51222	10	
53	0	9,18871,19681	13,46906	9,99475,90665	32914	9,19395,29016	13,79820	10,80604,70984	0	7
	10	9,18884,66587	13,46479	9,99475,57751	32925	9,19409,08836	13,79404	10,80590,91164	50	
	20	9,18898,13066	13,46050	9,99475,24826	32935	9,19422,88240	13,78985	10,80577,11760	40	
	30	9,18911,59116	13,45624	9,99474,91891	32945	9,19436,67225	13,78569	10,80563,32775	30	
	40	9,18925,04740	13,45195	9,99474,58946	32956	9,19450,45794	13,78151	10,80549,54206	20	
	50	9,18938,49935	13,44770	9,99474,25990	32966	9,19464,23945	13,77736	10,80535,76055	10	
54	0	9,18951,94705	13,44342	9,99473,93024	32976	9,19478,01681	13,77318	10,80521,98319	0	6
	10	9,18965,39047	13,43916	9,99473,60048	32987	9,19491,78999	13,76903	10,80508,21001	50	
	20	9,18978,82963	13,43491	9,99473,27061	32998	9,19505,55902	13,76489	10,80494,44098	40	
	30	9,18992,26454	13,43065	9,99472,94063	33008	9,19519,32391	13,76073	10,80480,67609	30	
	40	9,19005,69519	13,42642	9,99472,61055	33019	9,19533,08464	13,75661	10,80466,91536	20	
	50	9,19019,12161	13,42215	9,99472,28036	33029	9,19546,84125	13,75244	10,80453,15875	10	
55	0	9,19032,54376	13,41791	9,99471,95007	33040	9,19560,59369	13,74831	10,80439,40631	0	5
	10	9,19045,96167	13,41365	9,99471,61967	33050	9,19574,34200	13,74415	10,80425,65800	50	
	20	9,19059,37532	13,40939	9,99471,28917	33060	9,19588,08615	13,73999	10,80411,91385	40	
	30	9,19072,78471	13,40516	9,99470,95857	33071	9,19601,82614	13,73587	10,80398,17386	30	
	40	9,19086,18987	13,40094	9,99470,62786	33081	9,19615,56201	13,73175	10,80384,43799	20	
	50	9,19099,59081	13,39669	9,99470,29705	33092	9,19629,29376	13,72761	10,80370,70624	10	
56	0	9,19112,98750	13,39245	9,99469,96613	33102	9,19643,02137	13,72347	10,80356,97863	0	4
	10	9,19126,37995	13,38824	9,99469,63511	33113	9,19656,74484	13,71937	10,80343,25516	50	
	20	9,19139,76819	13,38399	9,99469,30398	33123	9,19670,46421	13,71522	10,80329,53579	40	
	30	9,19153,15218	13,37977	9,99468,97275	33134	9,19684,17943	13,71111	10,80315,82057	30	
	40	9,19166,53195	13,37556	9,99468,64141	33144	9,19697,89054	13,70700	10,80302,10946	20	
	50	9,19179,90751	13,37134	9,99468,30997	33155	9,19711,59754	13,70289	10,80288,40246	10	
57	0	9,19193,27885	13,36712	9,99467,97842	33165	9,19725,30043	13,69877	10,80274,69957	0	3
	10	9,19206,64597	13,36290	9,99467,64677	33176	9,19738,99920	13,69466	10,80261,00080	50	
	20	9,19220,00887	13,35870	9,99467,31501	33186	9,19752,69386	13,69056	10,80247,30614	40	
	30	9,19233,36757	13,35447	9,99466,98315	33196	9,19766,38442	13,68643	10,80233,61558	30	
	40	9,19246,72204	13,35027	9,99466,65119	33207	9,19780,07085	13,68234	10,80219,92915	20	
	50	9,19260,07231	13,34606	9,99466,31912	33217	9,19793,75319	13,67823	10,80206,24681	10	
58	0	9,19273,41837	13,34185	9,99465,98695	33228	9,19807,43142	13,67413	10,80192,56858	0	2
	10	9,19286,76022	13,33767	9,99465,65467	33238	9,19821,10555	13,67005	10,80178,89445	50	
	20	9,19300,09789	13,33347	9,99465,32229	33249	9,19834,77560	13,66596	10,80165,22440	40	
	30	9,19313,43136	13,32927	9,99464,98980	33259	9,19848,44156	13,66186	10,80151,55844	30	
	40	9,19326,76063	13,32509	9,99464,65721	33270	9,19862,10342	13,65779	10,80137,89658	20	
	50	9,19340,08572	13,32089	9,99464,32451	33280	9,19875,76121	13,65369	10,80124,23879	10	
59	0	9,19353,40661	13,31674	9,99463,99171	33291	9,19889,41490	13,64965	10,80110,58510	0	1
	10	9,19366,72335	13,31249	9,99463,65880	33301	9,19903,06455	13,64550	10,80096,93545	50	
	20	9,19380,03584	13,30834	9,99463,32579	33312	9,19916,71005	13,64146	10,80083,28995	40	
	30	9,19393,34418	13,30415	9,99462,99267	33322	9,19930,35151	13,63737	10,80060,64849	30	
	40	9,19406,64833	13,29999	9,99462,65945	33332	9,19943,98888	13,63331	10,80056,01112	20	
	50	9,19419,94832	13,29581	9,99462,32613	33343	9,19957,62219	13,62924	10,80042,37781	10	
60	0	9,19433,24413	13,29163	9,99461,99270	33353	9,19971,25143	13,62516	10,80028,74857	0	0
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	9,19433,24413	13,29163	9,99461,99270	33353	9,19971,25143	13,62516	10,80028,74857	0	60
	10	9,19446,53576	13,28748	9,99461,65917	33364	9,19984,87659	13,62112	10,80015,12341	50	
	20	9,19459,82324	13,28331	9,99461,32553	33374	9,19998,49771	13,61705	10,80001,50229	40	
	30	9,19473,10655	13,27914	9,99460,99179	33385	9,20012,11476	13,61299	10,79987,88524	30	
	40	9,19486,38569	13,27499	9,99460,65794	33395	9,20025,72775	13,60894	10,79974,27225	20	
	50	9,19499,66068	13,27081	9,99460,32399	33406	9,20039,33669	13,60487	10,79960,66331	10	
1	0	9,19512,93149	13,26666	9,99459,98993	33416	9,20052,94156	13,60082	10,79947,05844	0	59
	10	9,19526,19815	13,26251	9,99459,65577	33426	9,20066,54238	13,59677	10,79933,45762	50	
	20	9,19539,46066	13,25835	9,99459,32151	33437	9,20080,13915	13,59272	10,79919,86085	40	
	30	9,19552,71901	13,25422	9,99458,98714	33448	9,20093,73187	13,58870	10,79906,26813	30	
	40	9,19565,97323	13,25006	9,99458,65266	33458	9,20107,32057	13,58464	10,79892,67943	20	
	50	9,19579,22329	13,24592	9,99458,31808	33469	9,20120,90521	13,58061	10,79879,09479	10	
2	0	9,19592,46921	13,24178	9,99457,98339	33479	9,20134,48582	13,57657	10,79865,51418	0	58
	10	9,19605,71099	13,23766	9,99457,64860	33490	9,20148,06239	13,57256	10,79851,93761	50	
	20	9,19618,94865	13,23352	9,99457,31370	33500	9,20161,63495	13,56852	10,79838,36505	40	
	30	9,19632,18217	13,22937	9,99456,97870	33510	9,20175,20347	13,56447	10,79824,79653	30	
	40	9,19645,41154	13,22524	9,99456,64360	33521	9,20188,76794	13,56045	10,79811,23206	20	
	50	9,19658,63678	13,22111	9,99456,30839	33531	9,20202,32839	13,55642	10,79797,67161	10	
3	0	9,19671,85789	13,21700	9,99455,97308	33542	9,20215,88481	13,55242	10,79784,11519	0	57
	10	9,19685,07489	13,21286	9,99455,63766	33552	9,20229,43723	13,54838	10,79770,56277	50	
	20	9,19698,28775	13,20875	9,99455,30214	33563	9,20242,98561	13,54438	10,79757,01439	40	
	30	9,19711,49650	13,20463	9,99454,96651	33573	9,20256,52999	13,54036	10,79743,47001	30	
	40	9,19724,70113	13,20050	9,99454,63078	33583	9,20270,07035	13,53633	10,79729,92965	20	
	50	9,19737,90163	13,19641	9,99454,29495	33594	9,20283,60668	13,53235	10,79716,39332	10	
4	0	9,19751,09804	13,19228	9,99453,95901	33604	9,20297,13903	13,52832	10,79702,86097	0	56
	10	9,19764,29032	13,18818	9,99453,62297	33615	9,20310,66735	13,52433	10,79689,33265	50	
	20	9,19777,47850	13,18406	9,99453,28682	33625	9,20324,19168	13,52031	10,79675,80832	40	
	30	9,19790,66256	13,17997	9,99452,95057	33636	9,20337,71199	13,51633	10,79662,28801	30	
	40	9,19803,84253	13,17588	9,99452,61421	33647	9,20351,22832	13,51235	10,79648,77168	20	
	50	9,19817,01841	13,17178	9,99452,27774	33657	9,20364,74067	13,50835	10,79635,25933	10	
5	0	9,19830,19019	13,16768	9,99451,94117	33668	9,20378,24902	13,50436	10,79621,75098	0	55
	10	9,19843,35787	13,16359	9,99451,60449	33678	9,20391,75338	13,50037	10,79608,24662	50	
	20	9,19856,52146	13,15949	9,99451,26771	33688	9,20405,25375	13,49637	10,79594,74625	40	
	30	9,19869,68095	13,15541	9,99450,93083	33699	9,20418,75012	13,49240	10,79581,24988	30	
	40	9,19882,83636	13,15131	9,99450,59384	33709	9,20432,24252	13,48840	10,79567,75748	20	
	50	9,19895,98767	13,14724	9,99450,25675	33720	9,20445,73092	13,48444	10,79554,27008	10	
6	0	9,19909,13491	13,14315	9,99449,91955	33730	9,20459,21536	13,48045	10,79540,78464	0	54
	10	9,19922,27806	13,13907	9,99449,58225	33740	9,20472,69581	13,47647	10,79527,30419	50	
	20	9,19935,41713	13,13500	9,99449,24485	33751	9,20486,17228	13,47251	10,79513,82772	40	
	30	9,19948,55213	13,13094	9,99448,90734	33762	9,20499,64479	13,46856	10,79500,35521	30	
	40	9,19961,68307	13,12685	9,99448,56972	33772	9,20513,11335	13,46457	10,79486,88665	20	
	50	9,19974,80992	13,12279	9,99448,23200	33783	9,20526,57792	13,46062	10,79473,42208	10	
7	0	9,1998[illegible],93271	13,11872	9,99447,89417	33793	9,20540,03854	13,45665	10,79459,96146	0	53
	10	9,20001,05143	13,11466	9,99447,55624	33804	9,20553,49519	13,45270	10,79446,50481	50	
	20	9,20014,16609	13,11060	9,99447,21820	33814	9,20566,94789	13,44874	10,79433,05211	40	
	30	9,20027,27669	13,10653	9,99446,88006	33824	9,20580,39663	13,44477	10,79419,60337	30	
	40	9,20040,38322	13,10248	9,99446,54182	33835	9,20593,84140	13,44083	10,79406,15860	20	
	50	9,20053,48570	13,09843	9,99446,20347	33845	9,20607,28223	13,43688	10,79392,71777	10	
8	0	9,20066,58413	13,09438	9,99445,86502	33856	9,20620,71911	13,43294	10,79379,28089	0	52
	10	9,20079,67851	13,09033	9,99445,52646	33866	9,20634,15205	13,42899	10,79365,84795	50	
	20	9,20092,76884	13,08628	9,99445,18780	33877	9,20647,58104	13,42505	10,79352,41896	40	
	30	9,20105,85512	13,08223	9,99444,84903	33887	9,20661,00609	13,42110	10,79338,99391	30	
	40	9,20118,93735	13,07820	9,99444,51016	33898	9,20674,42719	13,41718	10,79325,57281	20	
	50	9,20132,01555	13,07416	9,99444,17118	33908	9,20687,84437	13,41324	10,79312,15563	10	
9	0	9,20145,08971	13,07011	9,99443,83210	33919	9,20701,25761	13,40930	10,79298,74239	0	51
	10	9,20158,15982	13,06609	9,99443,49291	33929	9,20714,66691	13,40538	10,79285,33309	50	
	20	9,20171,22591	13,06206	9,99443,15362	33940	9,20728,07229	13,40146	10,79271,92771	40	
	30	9,20184,28797	13,05803	9,99442,81422	33950	9,20741,47375	13,39753	10,79258,52625	30	
	40	9,20197,34600	13,05398	9,99442,47472	33960	9,20754,87128	13,39358	10,79245,12872	20	
	50	9,20210,39998	13,04997	9,99442,13512	33971	9,20768,26486	13,38968	10,79231,73514	10	
10	0	9,20223,44995	13,04597	9,99441,79541	33982	9,20781,65454	13,38579	10,79218,34546	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

9 M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	9,20223,44995	13,04597	9,99441,79541	33982	9,20781,65454	13,38579	10,79218,34546	0	50
	10	9,20236,49592	13,04193	9,99441,45559	33992	9,20795,04033	13,38185	10,79204,95967	50	
	20	9,20249,53785	13,03790	9,99441,11567	34002	9,20808,42218	13,37792	10,79191,57782	40	
	30	9,20262,57575	13,03390	9,99440,77565	34013	9,20821,80010	13,37403	10,79178,19990	30	
	40	9,20275,60965	13,02987	9,99440,43552	34023	9,20835,17413	13,37010	10,79164,82587	20	
	50	9,20288,63952	13,02587	9,99440,09529	34034	9,20848,54423	13,36621	10,79151,45577	10	
11	0	9,20301,66539	13,02188	9,99439,75495	34045	9,20861,91044	13,36233	10,79138,08956	0	49
	10	9,20314,68727	13,01787	9,99439,41450	34055	9,20875,27277	13,35842	10,79124,72723	50	
	20	9,20327,70514	13,01385	9,99439,07395	34065	9,20888,63119	13,35450	10,79111,36881	40	
	30	9,20340,71899	13,00986	9,99438,73330	34076	9,20901,98569	13,35062	10,79098,01431	30	
	40	9,20353,72885	13,00586	9,99438,39254	34086	9,20915,33631	13,34672	10,79084,66369	20	
	50	9,20366,73471	13,00187	9,99438,05168	34097	9,20928,68303	13,34284	10,79071,31697	10	
12	0	9,20379,73658	12,99787	9,99437,71071	34107	9,20942,02587	13,33894	10,79057,97413	0	48
	10	9,20392,73445	12,99388	9,99437,36964	34117	9,20955,36481	13,33505	10,79044,63519	50	
	20	9,20405,72833	12,98989	9,99437,02847	34128	9,20968,69986	13,33117	10,79031,30014	40	
	30	9,20418,71822	12,98590	9,99436,68719	34139	9,20982,03103	13,32729	10,79017,96897	30	
	40	9,20431,70412	12,98193	9,99436,34580	34149	9,20995,35832	13,32342	10,79004,64168	20	
	50	9,20444,68605	12,97794	9,99436,00431	34160	9,21008,68174	13,31954	10,78991,31826	10	
13	0	9,20457,66399	12,97399	9,99435,66271	34170	9,21022,00128	13,31569	10,78977,99872	0	47
	10	9,20470,63798	12,96996	9,99435,32101	34181	9,21035,31697	13,31177	10,78964,68303	50	
	20	9,20483,60794	12,96601	9,99434,97920	34191	9,21048,62874	13,30792	10,78951,37126	40	
	30	9,20496,57395	12,96203	9,99434,63729	34201	9,21061,93666	13,30404	10,78938,06334	30	
	40	9,20509,53598	12,95807	9,99434,29528	34212	9,21075,24070	13,30019	10,78924,75930	20	
	50	9,20522,49405	12,95409	9,99433,95316	34222	9,21088,54089	13,29631	10,78911,45911	10	
14	0	9,20535,44814	12,95014	9,99433,61094	34233	9,21101,83720	13,29247	10,78898,16280	0	46
	10	9,20548,39828	12,94618	9,99433,26861	34244	9,21115,12967	13,28862	10,78884,87033	50	
	20	9,20561,34446	12,94221	9,99432,92617	34254	9,21128,41829	13,28475	10,78871,58171	40	
	30	9,20574,28667	12,93826	9,99432,58363	34264	9,21141,70304	13,28090	10,78858,29696	30	
	40	9,20587,22493	12,93430	9,99432,24099	34275	9,21154,98394	13,27705	10,78845,01606	20	
	50	9,20600,15923	12,93035	9,99431,89824	34285	9,21168,26099	13,27320	10,78831,73901	10	
15	0	9,20613,08958	12,92639	9,99431,55539	34296	9,21181,53419	13,26935	10,78818,46581	0	45
	10	9,20626,01597	12,92245	9,99431,21243	34306	9,21194,80354	13,26551	10,78805,19646	50	
	20	9,20638,93842	12,91850	9,99430,86937	34317	9,21208,06905	13,26167	10,78791,93095	40	
	30	9,20651,85692	12,91456	9,99430,52620	34327	9,21221,33072	13,25783	10,78778,66928	30	
	40	9,20664,77148	12,91062	9,99430,18293	34338	9,21234,58855	13,25400	10,78765,41145	20	
	50	9,20677,68210	12,90667	9,99429,83955	34348	9,21247,84255	13,25015	10,78752,15745	10	
16	0	9,20690,58877	12,90273	9,99429,49607	34358	9,21261,09270	13,24631	10,78738,90730	0	44
	10	9,20703,49150	12,89881	9,99429,15249	34369	9,21274,33901	13,24250	10,78725,66099	50	
	20	9,20716,39031	12,89489	9,99428,80880	34380	9,21287,58151	13,23869	10,78712,41849	40	
	30	9,20729,28520	12,89094	9,99428,46500	34390	9,21300,82020	13,23484	10,78699,17980	30	
	40	9,20742,17614	12,88702	9,99428,12110	34401	9,21314,05504	13,23103	10,78685,94496	20	
	50	9,20755,06316	12,88309	9,99427,77709	34411	9,21327,28607	13,22720	10,78672,71393	10	
17	0	9,20767,94625	12,87917	9,99427,43298	34421	9,21340,51327	13,22338	10,78659,48673	0	43
	10	9,20780,82542	12,87526	9,99427,08877	34432	9,21353,73665	13,21958	10,78646,26335	50	
	20	9,20793,70068	12,87134	9,99426,74445	34443	9,21366,95623	13,21577	10,78633,04377	40	
	30	9,20806,57202	12,86740	9,99426,40002	34453	9,21380,17200	13,21193	10,78619,82800	30	
	40	9,20819,43942	12,86352	9,99426,05549	34464	9,21393,38393	13,20816	10,78606,61607	20	
	50	9,20832,30294	12,85959	9,99425,71085	34474	9,21406,59209	13,20433	10,78593,40791	10	
18	0	9,20845,16253	12,85569	9,99425,36611	34485	9,21419,79642	13,20054	10,78580,20358	0	42
	10	9,20858,01822	12,85179	9,99425,02126	34495	9,21432,99696	13,19674	10,78567,00304	50	
	20	9,20870,87001	12,84787	9,99424,67631	34505	9,21446,19370	13,19292	10,78553,80630	40	
	30	9,20883,71788	12,84397	9,99424,33126	34516	9,21459,38662	13,18913	10,78540,61338	30	
	40	9,20896,56185	12,84006	9,99423,98610	34526	9,21472,57575	13,18532	10,78527,42425	20	
	50	9,20909,40191	12,83618	9,99423,64084	34537	9,21485,76107	13,18156	10,78514,23893	10	
19	0	9,20922,23809	12,83228	9,99423,29547	34547	9,21498,94263	13,17774	10,78501,05737	0	41
	10	9,20935,07037	12,82838	9,99422,95000	34558	9,21512,12037	13,17396	10,78487,87963	50	
	20	9,20947,89875	12,82450	9,99422,60442	34568	9,21525,29433	13,17018	10,78474,70567	40	
	30	9,20960,72325	12,82062	9,99422,25874	34579	9,21538,46451	13,16641	10,78461,53549	30	
	40	9,20973,54387	12,81672	9,99421,91295	34589	9,21551,63092	13,16261	10,78448,36908	20	
	50	9,20986,36059	12,81285	9,99421,56706	34600	9,21564,79353	13,15885	10,78435,20647	10	
20	0	9,20999,17344	12,80895	9,99421,22106	34610	9,21577,95238	13,15505	10,78422,04762	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	9,20999,17344	12,80895	9,99421,22106	34610	9,21577,95238	13,15505	10,78422,04762	0	40
	10	9,21011,98239	12,80507	9,99420,87496	34621	9,21591,10743	13,15128	10,78408,89257	50	
	20	9,21024,78746	12,80121	9,99420,52875	34631	9,21604,25871	13,14752	10,78395,74129	40	
	30	9,21037,58867	12,79733	9,99420,18244	34642	9,21617,40623	13,14375	10,78382,59377	30	
	40	9,21050,38600	12,79347	9,99419,83602	34652	9,21630,54998	13,13999	10,78369,45002	20	
	50	9,21063,17947	12,78959	9,99419,48950	34663	9,21643,68997	13,13622	10,78356,31003	10	
21	0	9,21075,96906	12,78572	9,99419,14287	34673	9,21656,82619	13,13245	10,78343,17381	0	39
	10	9,21088,75478	12,78187	9,99418,79614	34684	9,21669,95864	13,12871	10,78330,04136	50	
	20	9,21101,53665	12,77799	9,99418,44930	34694	9,21683,08735	13,12493	10,78316,91265	40	
	30	9,21114,31464	12,77413	9,99418,10236	34705	9,21696,21228	13,12118	10,78303,78772	30	
	40	9,21127,08877	12,77029	9,99417,75531	34715	9,21709,33346	13,11744	10,78290,66654	20	
	50	9,21139,85906	12,76641	9,99417,40816	34725	9,21722,45090	13,11366	10,78277,54910	10	
22	0	9,21152,62547	12,76255	9,99417,06091	34736	9,21735,56456	13,10991	10,78264,43544	0	38
	10	9,21165,38802	12,75871	9,99416,71355	34746	9,21748,67447	13,10617	10,78251,32553	50	
	20	9,21178,14673	12,75487	9,99416,36609	34757	9,21761,78064	13,10244	10,78238,21936	40	
	30	9,21190,90160	12,75102	9,99416,01852	34767	9,21774,88308	13,09869	10,78225,11692	30	
	40	9,21203,65262	12,74716	9,99415,67085	34778	9,21787,98177	13,09494	10,78212,01823	20	
	50	9,21216,39978	12,74335	9,99415,32307	34789	9,21801,07671	13,09124	10,78198,92329	10	
23	0	9,21229,14313	12,73950	9,99414,97518	34799	9,21814,16795	13,08749	10,78185,83205	0	37
	10	9,21241,88263	12,73565	9,99414,62719	34810	9,21827,25544	13,08375	10,78172,74456	50	
	20	9,21254,61828	12,73181	9,99414,27909	34820	9,21840,33919	13,08001	10,78159,66081	40	
	30	9,21267,35009	12,72798	9,99413,93089	34831	9,21853,41920	13,07629	10,78146,58080	30	
	40	9,21280,07807	12,72416	9,99413,58258	34841	9,21866,49549	13,07257	10,78133,50451	20	
	50	9,21292,80223	12,72031	9,99413,23417	34851	9,21879,56806	13,06881	10,78120,43194	10	
24	0	9,21305,52254	12,71651	9,99412,88566	34862	9,21892,63687	13,06514	10,78107,36313	0	36
	10	9,21318,23905	12,71267	9,99412,53704	34872	9,21905,70201	13,06139	10,78094,29799	50	
	20	9,21330,95172	12,70885	9,99412,18832	34883	9,21918,76340	13,05768	10,78081,23660	40	
	30	9,21343,66057	12,70503	9,99411,83949	34893	9,21931,82108	13,05396	10,78068,17892	30	
	40	9,21356,36560	12,70121	9,99411,49056	34904	9,21944,87504	13,05025	10,78055,12496	20	
	50	9,21369,06681	12,69739	9,99411,14152	34914	9,21957,92529	13,04653	10,78042,07471	10	
25	0	9,21381,76420	12,69357	9,99410,79238	34925	9,21970,97182	13,04282	10,78029,02818	0	35
	10	9,21394,45777	12,68977	9,99410,44313	34935	9,21984,01464	13,03912	10,78015,98536	50	
	20	9,21407,14754	12,68598	9,99410,09378	34946	9,21997,05376	13,03544	10,78002,94624	40	
	30	9,21419,83352	12,68215	9,99409,74432	34956	9,22010,08920	13,03171	10,77989,91080	30	
	40	9,21432,51567	12,67837	9,99409,39476	34967	9,22023,12091	13,02804	10,77976,87909	20	
	50	9,21445,19404	12,67455	9,99409,04509	34977	9,22036,14895	13,02432	10,77963,85105	10	
26	0	9,21457,86859	12,67073	9,99408,69532	34988	9,22049,17327	13,02061	10,77950,82673	0	34
	10	9,21470,53932	12,66696	9,99408,34544	34998	9,22062,19388	13,01694	10,77937,80612	50	
	20	9,21483,20628	12,66316	9,99407,99546	35009	9,22075,21082	13,01325	10,77924,78918	40	
	30	9,21495,86944	12,65937	9,99407,64537	35019	9,22088,22407	13,00956	10,77911,77593	30	
	40	9,21508,52881	12,65557	9,99407,29518	35030	9,22101,23363	13,00587	10,77898,76637	20	
	50	9,21521,18438	12,65178	9,99406,94488	35040	9,22114,23950	13,00218	10,77885,76050	10	
27	0	9,21533,83616	12,64801	9,99406,59448	35051	9,22127,24168	12,99852	10,77872,75832	0	33
	10	9,21546,48417	12,64421	9,99406,24397	35061	9,22140,24020	12,99482	10,77859,75980	50	
	20	9,21559,12838	12,64043	9,99405,89336	35072	9,22153,23502	12,99115	10,77846,76498	40	
	30	9,21571,76881	12,63665	9,99405,54264	35082	9,22166,22617	12,98747	10,77833,77383	30	
	40	9,21584,40546	12,63288	9,99405,19182	35093	9,22179,21364	12,98381	10,77820,78636	20	
	50	9,21597,03834	12,62909	9,99404,84089	35103	9,22192,19745	12,98012	10,77807,80255	10	
28	0	9,21609,66743	12,62533	9,99404,48986	35113	9,22205,17757	12,97646	10,77794,82243	0	32
	10	9,21622,29276	12,62154	9,99404,13873	35124	9,22218,15403	12,97278	10,77781,84597	50	
	20	9,21634,91430	12,61779	9,99403,78749	35135	9,22231,12681	12,96914	10,77768,87319	40	
	30	9,21647,53209	12,61401	9,99403,43614	35145	9,22244,09595	12,96546	10,77755,90405	30	
	40	9,21660,14610	12,61025	9,99403,08469	35156	9,22257,06141	12,96181	10,77742,93859	20	
	50	9,21672,75635	12,60649	9,99402,73313	35166	9,22270,02322	12,95815	10,77729,97678	10	
29	0	9,21685,36284	12,60274	9,99402,38147	35176	9,22282,98137	12,95450	10,77717,01863	0	31
	10	9,21697,96558	12,59897	9,99402,02971	35187	9,22295,93587	12,95084	10,77704,06413	50	
	20	9,21710,56455	12,59521	9,99401,67784	35198	9,22308,88671	12,94719	10,77691,11329	40	
	30	9,21723,15976	12,59145	9,99401,32586	35208	9,22321,83390	12,94353	10,77678,16610	30	
	40	9,21735,75121	12,58772	9,99400,97378	35219	9,22334,77743	12,93991	10,77665,22257	20	
	50	9,21748,33893	12,58396	9,99400,62159	35229	9,22347,71734	12,93625	10,77652,28266	10	
30	0	9,21760,92289	12,58022	9,99400,26930	35240	9,22360,65359	12,93262	10,77639,34641	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,21760,92289	12,58022	9,99400,26930	35240	9,22360,65359	12,93262	10,77639,34641	0	30
	10	9,21773,50311	12,57646	9,99399,91690	35250	9,22373,58621	12,92896	10,77626,41379	50	
	20	9,21786,07957	12,57273	9,99399,56440	35261	9,22386,51517	12,92534	10,77613,48483	40	
	30	9,21798,65230	12,56899	9,99399,21179	35271	9,22399,44051	12,92170	10,77600,55949	30	
	40	9,21811,22129	12,56523	9,99398,85908	35281	9,22412,36221	12,91804	10,77587,63779	20	
	50	9,21823,78652	12,56151	9,99398,50627	35292	9,22425,28025	12,91443	10,77574,71975	10	
31	0	9,21836,34803	12,55778	9,99398,15335	35303	9,22438,19468	12,91081	10,77561,80532	0	29
	10	9,21848,90581	12,55406	9,99397,80032	35313	9,22451,10549	12,90719	10,77548,89451	50	
	20	9,21861,45987	12,55030	9,99397,44719	35323	9,22464,01268	12,90353	10,77535,98732	40	
	30	9,21874,01017	12,54657	9,99397,09396	35334	9,22476,91621	12,89991	10,77523,08379	30	
	40	9,21886,55674	12,54285	9,99396,74062	35344	9,22489,81612	12,89629	10,77510,18388	20	
	50	9,21899,09959	12,53914	9,99396,38718	35355	9,22502,71241	12,89269	10,77497,28759	10	
32	0	9,21911,63873	12,53543	9,99396,03363	35365	9,22515,60510	12,88908	10,77484,39490	0	28
	10	9,21924,17416	12,53168	9,99395,67998	35376	9,22528,49418	12,88544	10,77471,50582	50	
	20	9,21936,70584	12,52798	9,99395,32622	35387	9,22541,37962	12,88185	10,77458,62038	40	
	30	9,21949,23382	12,52426	9,99394,97235	35397	9,22554,26147	12,87823	10,77445,73853	30	
	40	9,21961,75808	12,52055	9,99394,61838	35408	9,22567,13970	12,87463	10,77432,86030	20	
	50	9,21974,27863	12,51684	9,99394,26430	35418	9,22580,01433	12,87102	10,77419,98567	10	
33	0	9,21986,79547	12,51315	9,99393,91012	35429	9,22592,88535	12,86744	10,77407,11465	0	27
	10	9,21999,30862	12,50942	9,99393,55583	35439	9,22605,75279	12,86381	10,77394,24721	50	
	20	9,22011,81804	12,50573	9,99393,20144	35449	9,22618,61660	12,86022	10,77381,38340	40	
	30	9,22024,32377	12,50200	9,99392,84695	35460	9,22631,47682	12,85660	10,77368,52318	30	
	40	9,22036,82577	12,49832	9,99392,49235	35470	9,22644,33342	12,85302	10,77355,66658	20	
	50	9,22049,32409	12,49462	9,99392,13765	35481	9,22657,18644	12,84943	10,77342,81356	10	
34	0	9,22061,81871	12,49092	9,99391,78284	35491	9,22670,03587	12,84583	10,77329,96413	0	26
	10	9,22074,30963	12,48725	9,99391,42793	35502	9,22682,88170	12,84227	10,77317,11830	50	
	20	9,22086,79688	12,48354	9,99391,07291	35512	9,22695,72397	12,83866	10,77304,27603	40	
	30	9,22099,28042	12,47985	9,99390,71779	35523	9,22708,56263	12,83508	10,77291,43737	30	
	40	9,22111,76027	12,47615	9,99390,36256	35534	9,22721,39771	12,83149	10,77278,60229	20	
	50	9,22124,23642	12,47248	9,99390,00722	35544	9,22734,22920	12,82792	10,77265,77080	10	
35	0	9,22136,70890	12,46879	9,99389,65178	35555	9,22747,05712	12,82434	10,77252,94288	6	25
	10	9,22149,17769	12,46511	9,99389,29623	35565	9,22759,88146	12,82076	10,77240,11854	50	
	20	9,22161,64280	12,46143	9,99388,94058	35575	9,22772,70222	12,81718	10,77227,29778	40	
	30	9,22174,10423	12,45777	9,99388,58483	35586	9,22785,51940	12,81363	10,77214,48060	30	
	40	9.22186,56200	12,45408	9,99388,22897	35596	9,22798,33303	12,81004	10,77201,66697	20	
	50	9,22199,01608	12,45042	9,99387,87301	35607	9,22811,14307	12,80649	10,77188,85693	10	
36	0	9,22211,46650	12,44674	9,99387,51694	35617	9,22823,94956	12,80291	10,77176,05044	0	24
	10	9,22223,91324	12,44308	9,99387,16077	35628	9,22836,75247	12,79936	10,77163,24753	50	
	20	9,22236,35632	12,43939	9,99386,80449	35638	9,22849,55183	12,79577	10,77150,44817	40	
	30	9,22248,79571	12,43574	9,99386,44811	35649	9,22862,34760	12,79223	10,77137,65240	30	
	40	9,22261,23145	12,43208	9,99386,09162	35660	9,22875,13983	12,78868	10,77124,86017	20	
	50	9,22273,66353	12,42842	9,99385,73502	35670	9,22887,92851	12,78512	10,77112,07149	10	
37	0	9,22286,09195	12,42478	9,99385,37832	3568[illegible]	9,22900,71363	12,78158	10,77099,28637	0	23
	10	9,22298,51673	12,42110	9,99385,02152	35691	9,22913,49521	12,77801	10,77086,50479	50	
	20	9,22310,93783	12,41745	9,99384,66461	35702	9,22926,27322	12,77447	10,77073,72678	40	
	30	9,22323,35528	12,41380	9,99384,30759	35712	9,22939,04769	12,77092	10,77060,95231	30	
	40	9,22335,76908	12,41017	9,99383 95047	35723	9,22951,81861	12,76740	10,77048,18139	20	
	50	9,22348,17925	12,40651	9,99383,59324	35733	9,22964,58601	12,76383	10,77035,41399	10	
38	0	9,22360,58576	12,40287	9,99383,23591	35744	9,22977,34984	12,76032	10,77022,65016	0	22
	10	9,22372,98863	12,39921	9,99382,87847	35754	9,22990,11016	12,75675	10,77009,88984	50	
	20	9,22385,38784	12,39556	9,99382,52093	35764	9,23002,86691	12,75320	10,76997,13309	40	
	30	9,22397,78340	12,39194	9,99382,16329	35775	9,23015,62011	12,74969	10,76984,37989	30	
	40	9,22410,17534	12,38830	9,99381,80554	35785	9,23028,36980	12,74615	10,76971,63020	20	
	50	9,22422,56364	12,38467	9,99381,44769	35796	9,23041,11595	12,74263	10,76958,88405	10	
39	0	9,22434,94831	12,38104	9,99381,08973	35807	9,23053,85858	12,73911	10,76946,14142	0	21
	10	9,22447,32935	12,37741	9,99380,73166	35817	9,23066,59769	12,73558	10,76933,40231	50	
	20	9,22459,70676	12,37377	9,99380,37349	35827	9,23079,33327	12,73204	10,76920,66673	40	
	30	9,22472,08053	12,37014	9,99380,01522	35838	9,23092,06531	12,72852	10,76907,93469	30	
	40	9,22484,45067	12,36653	9,99379,65684	35848	9,23104,79383	12,72501	10,76895,20617	20	
	50	9,22496,81720	12,36289	9,99379,29836	35859	9,23117,51884	12,72148	10,76882,48116	10	
40	0	9,22509,18009	12,35928	9,99378,93977	35869	9,23130,24032	12,71797	10.76869,75968	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.	S	M
40	0	9,22509,18009	12,35928	9,99378,93977	35869	9,23130,24032	12,71797	10,76869,75968	0	20
	10	9,22521,53937	12,35565	9,99378,58108	35880	9,23142,95829	12,71445	10,76857,04171	50	
	20	9,22533,89502	12,35206	9,99378,22228	35891	9,23155,67274	12,71097	10,76844,32726	40	
	30	9,22546,24708	12,34843	9,99377,86337	35901	9,23168,38371	12,70744	10,76831,61629	30	
	40	9,22558,59551	12,34483	9,99377,50436	35912	9,23181,09115	12,70395	10,76818,90885	20	
	50	9,22570,94034	12,34120	9,99377,14524	35922	9,23193,79510	12,70043	10,76806,20490	10	
41	0	9,22583,28154	12,33760	9,99376,78602	35933	9,23206,49553	12,69692	10,76793,50447	0	19
	10	9,22595,61914	12,33401	9,99376,42669	35943	9,23219,19245	12,69344	10,76780,80755	50	
	20	9,22607,95315	12,33039	9,99376,06726	35953	9,23231,88589	12,68992	10,76768,11411	40	
	30	9,22620,28354	12,32678	9,99375,70773	35964	9,23244,57581	12,68642	10,76755,42419	30	
	40	9,22632,61032	12,32319	9,99375,34809	35974	9,23257,26223	12,68293	10,76742,73777	20	
	50	9,22644,93351	12,31959	9,99374,98835	35985	9,23269,94516	12,67944	10,76730,05484	10	
42	0	9,22657,25310	12,31600	9,99374,62850	35995	9,23282,62460	12,67595	10,76717,37540	0	18
	10	9,22669,56910	12,31239	9,99374,26855	36006	9,23295,30055	12,67245	10,76704,69945	50	
	20	9,22681,88149	12,30881	9,99373,90849	36017	9,23307,97300	12,66898	10,76692,02700	40	
	30	9,22694,19030	12,30523	9,99373,54832	36027	9,23320,64198	12,66550	10,76679,35802	30	
	40	9,22706,49553	12,30162	9,99373,18805	36038	9,23333,30748	12,66200	10,76666,69252	20	
	50	9,22718,79715	12,29805	9,99372,82767	36048	9,23345,96948	12,65853	10,76654,03052	10	
43	0	9,22731,09520	12,29446	9,99372,46719	36058	9,23358,62801	12,65504	10,76641,37199	0	17
	10	9,22743,38966	12,29090	9,99372,10661	36069	9,23371,28305	12,65159	10,76628,71695	50	
	20	9,22755,68056	12,28730	9,99371,74592	36080	9,23383,93464	12,64810	10,76616,06536	40	
	30	9,22767,96786	12,28371	9,99371,38512	36090	9,23396,58274	12,64461	10,76603,41726	30	
	40	9,22780,25157	12,28017	9,99371,02422	36101	9,23409,22735	12,64118	10,76590,77265	20	
	50	9,22792,53174	12,27658	9,99370,66321	36111	9,23421,86853	12,63769	10,76578,13147	10	
44	0	9,22804,80832	12,27300	9,99370,30210	36122	9,23434,50622	12,63422	10,76565,49378	0	16
	10	9,22817,08132	12,26944	9,99369,94088	36132	9,23447,14044	12,63076	10,76552,85956	50	
	20	9,22829,35076	12,26588	9,99369,57956	36143	9,23459,77120	12,62731	10,76540,22880	40	
	30	9,22841,61664	12,26231	9,99369,21813	36153	9,23472,39851	12,62384	10,76527,60149	30	
	40	9,22853,87895	12,25874	9,99368,85660	36164	9,23485,02235	12,62038	10,76514,97765	20	
	50	9,22866,13769	12,25518	9,99368,49496	36174	9,23497,64273	12,61692	10,76502,35727	10	
45	0	9,22878,39287	12,25159	9,99368,13322	36184	9,23510,25965	12,61343	10,76489,74035	0	15
	10	9,22890,64446	12,24807	9,99367,77138	36195	9,23522,87308	12,61002	10,76477,12692	50	
	20	9,22902,89253	12,24451	9,99367,40943	36206	9,23535,48310	12,60657	10,76464,51690	40	
	30	9,22915,13704	12,24095	9,99367,04737	36216	9,23548,08967	12,60311	10,76451,91033	30	
	40	9,22927,37799	12,23742	9,99366,68521	36227	9,23560,69278	12,59969	10,76439,30722	20	
	50	9,22939,61541	12,23384	9,99366,32294	36237	9,23573,29247	12,59621	10,76426,70753	10	
46	0	9,22951,84925	12,23031	9,99365,96057	36248	9,23585,88868	12,59279	10,76414,11132	0	14
	10	9,22964,07956	12,22675	9,99365,59809	36258	9,23598,48147	12,58933	10,76401,51853	50	
	20	9,22976,30631	12,22322	9,99365,23551	36269	9,23611,07080	12,58591	10,76388,92920	40	
	30	9,22988,52953	12,21968	9,99364,87282	36279	9,23623,65671	12,58247	10,76376,34329	30	
	40	9,23000,74921	12,21613	9,99364,51003	36290	9,23636,23918	12,57903	10,76363,76082	20	
	50	9,23012,96534	12,21260	9,99364,14713	36300	9,23648,81821	12,57560	10,76351,18179	10	
47	0	9,23025,17794	12,20907	9,99363,78413	36311	9,23661,39381	12,57218	10,76338,60619	0	13
	10	9,23037,38701	12,20553	9,99363,42102	36322	9,23673,96599	12,56875	10,76326,03401	50	
	20	9,23049,59254	12,20200	9,99363,05780	36332	9,23686,53474	12,56532	10,76313,46526	40	
	30	9,23061,79454	12,19847	9,99362,69448	36342	9,23699,10006	12,56189	10,76300,89994	30	
	40	9,23073,99301	12,19493	9,99362,33106	36353	9,23711,66195	12,55846	10,76288,33805	20	
	50	9,23086,18794	12,19143	9,99361,96753	36363	9,23724,22041	12,55506	10,76275,77959	10	
48	0	9,23098,37937	12,18791	9,99361,60390	36374	9,23736,77547	12,55165	10,76263,22453	0	12
	10	9,23110,56728	12,18436	9,99361,24016	36385	9,23749,32712	12,54821	10,76250,67288	50	
	20	9,23122,75164	12,18086	9,99360,87631	36395	9,23761,87533	12,54481	10,76238,12467	40	
	30	9,23134,93250	12,17735	9,99360,51236	36405	9,23774,42014	12,54140	10,76225,57986	30	
	40	9,23147,10985	12,17381	9,99360,14831	36416	9,23786,96154	12,53797	10,76213,03846	20	
	50	9,23159,28366	12,17030	9,99359,78415	36426	9,23799,49951	12,53456	10,76200,50049	10	
49	0	9,23171,45396	12,16680	9,99359,41989	36437	9,23812,03407	12,53117	10,76187,96593	0	11
	10	9,23183,62076	12,16328	9,99359,05552	36448	9,23824,56524	12,52776	10,76175,43476	50	
	20	9,23195,78404	12,15977	9,99358,69104	36458	9,23837,09300	12,52435	10,76162,90700	40	
	30	9,23207,94381	12,15629	9,99358,32646	36468	9,23849,61735	12,52097	10,76150,38265	30	
	40	9,23220,10010	12,15276	9,99357,96178	36479	9,23862,13832	12,51755	10,76137,86168	20	
	50	9,23232,25286	12,14926	9,99357,59699	36489	9,23874,65587	12,51415	10,76125,34413	10	
50	0	9,23244,40212	12,14577	9,99357,23210	36500	9,23887,17002	12,51077	10,76112,82998	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
50	0	9,23244,40212	12,14577	9,99357,23210	36500	9,23887,17002	12,51077	10,76112,82998	0	10
	10	9,23256,54789	12,14225	9,99356,86710	36510	9,23899,68079	12,50735	10,76100,31921	50	
	20	9,23268,69014	12,13877	9,99356,50200	36521	9,23912,18814	12,50398	10,76087,81186	40	
	30	9,23280,82891	12,13528	9,99356,13679	36532	9,23924,69212	12,50060	10,76075,30788	30	
	40	9,23292,96419	12,13178	9,99355,77147	36542	9,23937,19272	12,49720	10,76062,80728	20	
	50	9,23305,09597	12,12831	9,99355,40605	36553	9,23949,68992	12,49384	10,76050,31008	10	
51	0	9,23317,22428	12,12481	9,99355,04052	36563	9,23962,18376	12,49044	10,76037,81624	0	9
	10	9,23329,34909	12,12132	9,99354,67489	36574	9,23974,67420	12,48706	10,76025,32580	50	
	20	9,23341,47041	12,11784	9,99354,30915	36584	9,23987,16126	12,48368	10,76012,83874	40	
	30	9,23353,58825	12,11436	9,99353,94331	36595	9,23999,64494	12,48031	10,76000,35506	30	
	40	9,23365,70261	12,11089	9,99353,57736	36605	9,24012,12525	12,47694	10,75987,87475	20	
	50	9,23377,81350	12,10739	9,99353,21131	36616	9,24024,60219	12,47354	10,75975,39781	10	
52	0	9,23389,92089	12,10391	9,99352,84515	36626	9,24037,07573	12,47018	10,75962,92427	0	8
	10	9,23402,02480	12,10044	9,99352,47889	36637	9,24049,54591	12,46681	10,75950,45409	50	
	20	9,23414,12524	12,09698	9,99352,11252	36647	9,24062,01272	12,46345	10,75937,98728	40	
	30	9,23426,22222	12,09350	9,99351,74605	36658	9,24074,47617	12,46008	10,75925,52383	30	
	40	9,23438,31572	12,09003	9,99351,37947	36668	9,24086,93625	12,45671	10,75913,06375	20	
	50	9,23450,40575	12,08657	9,99351,01279	36679	9,24099,39296	12,45336	10,75900,60704	10	
53	0	9,23462,49232	12,08312	9,99350,64600	36690	9,24111,84632	12,45002	10,75888,15368	0	7
	10	9,23474,57544	12,07964	9,99350,27910	36700	9,24124,29634	12,44664	10,75875,70366	50	
	20	9,23486,65508	12,07617	9,99349,91210	36710	9,24136,74298	12,44327	10,75863,25702	40	
	30	9,23498,73125	12,07272	9,99349,54500	36721	9,24149,18625	12,43993	10,75850,81375	30	
	40	9,23510,80397	12,06925	9,99349,17779	36731	9,24161,62618	12,43656	10,75838,37382	20	
	50	9,23522,87322	12,06582	9,99348,81048	36742	9,24174,06274	12,43324	10,75825,93726	10	
54	0	9,23534,93904	12,06236	9,99348,44306	36752	9,24186,49598	12,42988	10,75813,50402	0	6
	10	9,23547,00140	12,05891	9,99348,07554	36763	9,24198,92586	12,42654	10,75801,07414	50	
	20	9,23559,06031	12,05545	9,99347,70791	36774	9,24211,35240	12,42319	10,75788,64760	40	
	30	9,23571,11576	12,05200	9,99347,34017	36784	9,24223,77559	12,41984	10,75776,22441	30	
	40	9,23583,16776	12,04856	9,99346,97233	36795	9,24236,19543	12,41651	10,75763,80457	20	
	50	9,23595,21632	12,04512	9,99346,60438	36805	9,24248,61194	12,41317	10,75751,38806	10	
55	0	9,23607,26144	12,04166	9,99346,23633	36815	9,24261,02511	12,40981	10,75738,97489	0	5
	10	9,23619,30310	12,03825	9,99345,86818	36826	9,24273,43492	12,40651	10,75726,56508	50	
	20	9,23631,34135	12,03480	9,99345,49992	36837	9,24285,84143	12,40317	10,75714,15857	40	
	30	9,23643,37615	12,03136	9,99345,13155	36847	9,24298,24460	12,39983	10,75701,75540	30	
	40	9,23655,40751	12,02791	9,99344,76308	36858	9,24310,64443	12,39649	10,75689,35557	20	
	50	9,23667,43542	12,02450	9,99344,39450	36868	9,24323,04092	12,39318	10,75676,95908	10	
56	0	9,23679,45992	12,02108	9,99344,02582	36879	9,24335,43410	12,38987	10,75664,56590	0	4
	10	9,23691,48100	12,01763	9,99343,65703	36889	9,24347,82397	12,38652	10,75652,17603	50	
	20	9,23703,49863	12,01420	9,99343,28814	36900	9,24360,21049	12,38320	10,75639,78951	40	
	30	9,23715,51283	12,01079	9,99342,91914	36910	9,24372,59369	12,37989	10,75627,40631	30	
	40	9,23727,52362	12,00735	9,99342,55004	36921	9,24384,97358	12,37656	10,75615,02642	20	
	50	9,23739,53097	12,00394	9,99342,18083	36931	9,24397,35014	12,37325	10,75602,64986	10	
57	0	9,23751,53491	12,00053	9,99341,81152	36943	9,24409,72339	12,36996	10,75590,27661	0	3
	10	9,23763,53544	11,99710	9,99341,44209	36952	9,24422,09335	12,36662	10,75577,90665	50	
	20	9,23775,53254	11,99369	9,99341,07257	36963	9,24434,45997	12,36332	10,75565,54003	40	
	30	9,23787,52623	11,99027	9,99340,70294	36973	9,24446,82329	12,36000	10,75553,17671	30	
	40	9,23799,51650	11,98685	9,99340,33321	36984	9,24459,18329	12,35669	10,75540,81671	20	
	50	9,23811,50335	11,98347	9,99339,96337	36994	9,24471,53998	12,35341	10,75528,46002	10	
58	0	9,23823,48682	11,98004	9,99339,59343	37005	9,24483,89339	12,35009	10,75516,10661	0	2
	10	9,23835,46686	11,97664	9,99339,22338	37015	9,24496,24348	12,34679	10,75503,75652	50	
	20	9,23847,44350	11,97324	9,99338,85323	37026	9,24508,59027	12,34350	10,75491,40973	40	
	30	9,23859,41674	11,96982	9,99338,48297	37036	9,24520,93377	12,34018	10,75479,06623	30	
	40	9,23871,38656	11,96644	9,99338,11261	37047	9,24533,27395	12,33691	10,75466,72605	20	
	50	9,23883,35300	11,96304	9,99337,74214	37058	9,24545,61086	12,33362	10,75454,38914	10	
59	0	9,23895,31604	11,95964	9,99337,37156	37068	9,24557,94448	12,33032	10,75442,05552	0	1
	10	9,23907,27568	11,95624	9,99337,00088	37079	9,24570,27480	12,32703	10,75429,72520	50	
	20	9,23919,23192	11,95285	9,99336,63009	37089	9,24582,60183	12,32374	10,75417,39817	40	
	30	9,23931,18477	11,94947	9,99336,25920	37100	9,24594,92557	12,32047	10,75405,07443	30	
	40	9,23943,13424	11,94608	9,99335,88820	37110	9,24607,24604	12,31718	10,75392,75396	20	
	50	9,23955,08032	11,94268	9,99335,51710	37121	9,24619,56322	12,31389	10,75380,43678	10	
60	0	9,23967,02300	11,93929	9,99335,14589	37131	9,24631,87711	12,31060	10,75368,12289	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	9,23967,02300	11,93929	9,99335,14589	37131	9,24631,87711	12,31060	10,75368,12289	0	60
	10	9,23978,96229	11,93593	9,99334,77458	37142	9,24644,18771	12,30735	10,75355,81229	50	
	20	9,23990,89822	11,93253	9,99334,40316	37152	9,24656,49506	12,30405	10,75343,50494	40	
	30	9,24002,83075	11,92916	9,99334,03164	37163	9,24668,79911	12,30079	10,75331,20089	30	
	40	9,24014,75991	11,92576	9,99333,66001	37173	9,24681,09990	12,29749	10,75318,90010	20	
	50	9,24026,68567	11,92241	9,99333,28828	37184	9,24693,39739	12,29425	10,75306,60261	10	
1	0	9,24038,60808	11,91903	9,99332,91644	37194	9,24705,69164	12,29097	10,75294,30836	0	59
	10	9,24050,52711	11,91564	9,99332,54450	37205	9,24717,98261	12,28769	10,75282,01739	50	
	20	9,24062,44275	11,91228	9,99332,17245	37215	9,24730,27030	12,28443	10,75269,72970	40	
	30	9,24074,35503	11,90893	9,99331,80030	37226	9,24742,55473	12,28119	10,75257,44527	30	
	40	9,24086,26396	11,90556	9,99331,42804	37237	9,24754,83592	12,27793	10,75245,16408	20	
	50	9,24098,16952	11,90218	9,99331,05567	37247	9,24767,11385	12,27465	10,75232,88615	10	
2	0	9,24110,07170	11,89882	9,99330,68320	37258	9,24779,38850	12,27140	10,75220,61150	0	58
	10	9,24121,97052	11,89544	9,99330,31062	37268	9,24791,65990	12,26812	10,75208,34010	50	
	20	9,24133,86596	11,89211	9,99329,93794	37279	9,24803,92802	12,26490	10,75196,07198	40	
	30	9,24145,75807	11,88875	9,99329,56515	37289	9,24816,19292	12,26164	10,75183,80708	30	
	40	9,24157,64682	11,88538	9,99329,19226	37300	9,24828,45456	12,25838	10,75171,54544	20	
	50	9,24169,53220	11,88204	9,99328,81926	37310	9,24840,71294	12,25514	10,75159,28706	10	
3	0	9,24181,41424	11,87868	9,99328,44616	37321	9,24852,96808	12,25189	10,75147,03192	0	57
	10	9,24193,29292	11,87531	9,99328,07295	37331	9,24865,21997	12,24862	10,75134,78003	50	
	20	9,24205,16825	11,87200	9,99327,69964	37342	9,24877,46859	12,24542	10,75122,53141	40	
	30	9,24217,04023	11,86864	9,99327,32622	37352	9,24889,71401	12,24216	10,75110,28599	30	
	40	9,24228,90887	11,86530	9,99326,95270	37363	9,24901,95617	12,23893	10,75098,04383	20	
	50	9,24240,77417	11,86194	9,99326,57907	37373	9,24914,19510	12,23567	10,75085,80490	10	
4	0	9,24252,63611	11,85862	9,99326,20534	37384	9,24926,43077	12,23246	10,75073,56923	0	56
	10	9,24264,49473	11,85527	9,99325,83150	37394	9,24938,66323	12,22921	10,75061,33677	50	
	20	9,24276,35000	11,85191	9,99325,45756	37405	9,24950,89244	12,22596	10,75049,10756	40	
	30	9,24288,20191	11,84859	9,99325,08351	37415	9,24963,11840	12,22274	10,75036,88160	30	
	40	9,24300,05050	11,84526	9,99324,70936	37426	9,24975,34114	12,21952	10,75024,65886	20	
	50	9,24311,89576	11,84194	9,99324,33510	37437	9,24987,56066	12,21631	10,75012,43934	10	
5	0	9,24323,73770	11,83861	9,99323,96073	37447	9,24999,77697	12,21308	10,75000,22303	0	55
	10	9,24335,57631	11,83527	9,99323,58626	37458	9,25011,99005	12,20985	10,74988,00995	50	
	20	9,24347,41158	11,83195	9,99323,21168	37468	9,25024,19990	12,20663	10,74975,80010	40	
	30	9,24359,24353	11,82863	9,99322,83700	37479	9,25036,40653	12,20342	10,74963,59347	30	
	40	9,24371,07216	11,82528	9,99322,46221	37489	9,25048,60995	12,20017	10,74951,39005	20	
	50	9,24382,89744	11,82197	9,99322,08732	37500	9,25060,81012	12,19697	10,74939,18988	10	
6	0	9,24394,71941	11,81866	9,99321,71232	37510	9,25073,00709	12,19376	10,74926,99291	0	54
	10	9,24406,53807	11,81534	9,99321,33722	37521	9,25085,20085	12,19055	10,74914,79915	50	
	20	9,24418,35341	11,81203	9,99320,96201	37531	9,25097,39140	12,18734	10,74902,60860	40	
	30	9,24430,16544	11,80871	9,99320,58670	37542	9,25109,57874	12,18413	10,74890,42126	30	
	40	9,24441,97415	11,80538	9,99320,21128	37552	9,25121,76287	12,18090	10,74878,23713	20	
	50	9,24453,77953	11,80209	9,99319,83576	37563	9,25133,94377	12,17773	10,74866,05623	10	
7	0	9,24465,58162	11,79879	9,99319,46013	37573	9,25146,12150	12,17451	10,74853,87850	0	53
	10	9,24477,38041	11,79548	9,99319,08440	37584	9,25158,29601	12,17132	10,74841,70399	50	
	20	9,24489,17589	11,79216	9,99318,70856	37595	9,25170,46733	12,16811	10,74829,53267	40	
	30	9,24500,96805	11,78887	9,99318,33261	37605	9,25182,63544	12,16492	10,74817,36456	30	
	40	9,24512,75692	11,78556	9,99317,95656	37616	9,25194,80036	12,16172	10,74805,19964	20	
	50	9,24524,54248	11,78227	9,99317,58040	37626	9,25206,96208	12,15853	10,74793,03792	10	
8	0	9,24536,32475	11,77897	9,99317,20414	37637	9,25219,12061	12,15534	10,74780,87939	0	52
	10	9,24548,10372	11,77566	9,99316,82777	37647	9,25231,27595	12,15213	10,74768,72405	50	
	20	9,24559,87938	11,77237	9,99316,45130	37658	9,25243,42808	12,14895	10,74756,57192	40	
	30	9,24571,65175	11,76909	9,99316,07472	37668	9,25255,57703	12,14577	10,74744,42297	30	
	40	9,24583,42084	11,76579	9,99315,69804	37679	9,25267,72280	12,14258	10,74732,27720	20	
	50	9,24595,18663	11,76251	9,99315,32125	37689	9,25279,86538	12,13940	10,74720,13462	10	
9	0	9,24606,94914	11,75923	9,99314,94436	37700	9,25292,00478	12,13623	10,74707,99522	0	51
	10	9,24618,70837	11,75593	9,99314,56736	37710	9,25304,14101	12,13303	10,74695,85899	50	
	20	9,24630,46430	11,75264	9,99314,19026	37721	9,25316,27404	12,12985	10,74683,72596	40	
	30	9,24642,21694	11,74936	9,99313,81305	37731	9,25328,40389	12,12667	10,74671,59611	30	
	40	9,24653,96630	11,74610	9,99313,43574	37742	9,25340,53056	12,12352	10,74659,46944	20	
	50	9,24665,71240	11,74281	9,99313,05832	37753	9,25352,65408	12,12034	10,74647,34592	10	
10	0	9,24677,45521		9,99312,68079		9,25364,77442		10,74635,22558	0	50
		Sin. Compl.	11,73953	SINVVM	37763	Tang.compl	12,11716	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,24677,45521	11,73953	9,99312,68079	37763	9,25364,77442	12,11716	10,74635,22558	0	50
	10	9,24689,19474	11,73627	9,99312,30316	37774	9,25376,89158	12,11401	10,74623,10842	50	
	20	9,24700,93101	11,73298	9,99311,92542	37784	9,25389,00559	12,11082	10,74610,99441	40	
	30	9,24712,66399	11,72972	9,99311,54758	37795	9,25401,11641	12,10767	10,74598,88359	30	
	40	9,24724,39371	11,72646	9,99311,16963	37805	9,25413,22408	12,10451	10,74586,77592	20	
	50	9,24736,12017	11,72317	9,99310,79158	37816	9,25425,32859	12,10133	10,74574,67141	10	
11	0	9,24747,84334	11,71992	9,99310,41342	37827	9,25437,42992	12,09819	10,74562,57008	0	49
	10	9,24759,56326	11,71665	9,99310,03515	37837	9,25449,52811	12,09502	10,74550,47189	50	
	20	9,24771,27991	11,71338	9,99309,65678	37847	9,25461,62313	12,09185	10,74538,37687	40	
	30	9,24782,99329	11,71013	9,99309,27831	37858	9,25473,71498	12,08871	10,74526,28502	30	
	40	9,24794,70342	11,70687	9,99308,89973	37868	9,25485,80369	12,08555	10,74514,19631	20	
	50	9,24806,41029	11,70360	9,99308,52105	37879	9,25497,88924	12,08239	10,74502,11076	10	
12	0	9,24818,11389	11,70034	9,99308,14226	37889	9,25509,97163	12,07923	10,74490,02837	0	48
	10	9,24829,81423	11,69711	9,99307,76337	37900	9,25522,05086	12,07611	10,74477,94914	50	
	20	9,24841,51134	11,69385	9,99307,38437	37911	9,25534,12697	12,07296	10,74465,87303	40	
	30	9,24853,20519	11,69060	9,99307,00526	37921	9,25546,19993	12,06981	10,74453,80007	30	
	40	9,24864,89579	11,68736	9,99306,62605	37932	9,25558,26974	12,06668	10,74441,73026	20	
	50	9,24876,58315	11,68411	9,99306,24673	37942	9,25570,33642	12,06353	10,74429,66358	10	
13	0	9,24888,26726	11,68087	9,99305,86731	37954	9,25582,39995	12,06041	10,74417,60005	0	47
	10	9,24899,94813	11,67762	9,99305,48777	37963	9,25594,46036	12,05725	10,74405,53964	50	
	20	9,24911,62575	11,67439	9,99305,10814	37974	9,25606,51761	12,05413	10,74393,48239	40	
	30	9,24923,30014	11,67113	9,99304,72840	37984	9,25618,57174	12,05097	10,74381,42826	30	
	40	9,24934,97127	11,66790	9,99304,34856	37995	9,25630,62271	12,04785	10,74369,37729	20	
	50	9,24946,63917	11,66465	9,99303,96861	38005	9,25642,67056	12,04470	10,74357,32944	10	
14	0	9,24958,30382	11,66142	9,99303,58856	38016	9,25654,71526	12,04158	10,74345,28474	0	46
	10	9,24969,96524	11,65820	9,99303,20840	38026	9,25666,75684	12,03846	10,74333,24316	50	
	20	9,24981,62344	11,65496	9,99302,82814	38037	9,25678,79530	12,03533	10,74321,20470	40	
	30	9,24993,27840	11,65173	9,99302,44777	38048	9,25690,83063	12,03221	10,74309,16937	30	
	40	9,25004,93013	11,64852	9,99302,06729	38058	9,25702,86284	12,02910	10,74297,13716	20	
	50	9,25016,57865	11,64529	9,99301,68671	38069	9,25714,89194	12,02598	10,74285,10806	10	
15	0	9,25028,22394	11,64206	9,99301,30602	38079	9,25726,91792	12,02285	10,74273,08208	0	45
	10	9,25039,86600	11,63886	9,99300,92523	38090	9,25738,94077	12,01976	10,74261,05923	50	
	20	9,25051,50486	11,63562	9,99300,54433	38100	9,25750,96053	12,01662	10,74249,03947	40	
	30	9,25063,14048	11,63238	9,99300,16333	38111	9,25762,97715	12,01349	10,74237,02285	30	
	40	9,25074,77286	11,62918	9,99299,78222	38121	9,25774,99064	12,01039	10,74225,00936	20	
	50	9,25086,40204	11,62597	9,99299,40101	38132	9,25787,00103	12,00729	10,74212,99897	10	
16	0	9,25098,02801	11,62275	9,99299,01969	38143	9,25799,00832	12,00418	10,74200,99168	0	44
	10	9,25109,65076	11,61956	9,99298,63826	38153	9,25811,01250	12,00109	10,74188,98750	50	
	20	9,25121,27032	11,61633	9,99298,25673	38164	9,25823,01359	11,99797	10,74176,98641	40	
	30	9,25132,88665	11,61312	9,99297,87509	38174	9,25835,01156	11,99486	10,74164,98844	30	
	40	9,25144,49977	11,60992	9,99297,49335	38185	9,25847,00642	11,99177	10,74152,99358	20	
	50	9,25156,10969	11,60671	9,99297,11150	38195	9,25858,99819	11,98866	10,74141,00181	10	
17	0	9,25167,71640	11,60352	9,99296,72955	38207	9,25870,98685	11,98559	10,74129,01315	0	43
	10	9,25179,31992	11,60031	9,99296,34748	38216	9,25882,97244	11,98247	10,74117,02756	50	
	20	9,25190,92023	11,59711	9,99295,96532	38227	9,25894,95491	11,97938	10,74105,04509	40	
	30	9,25202,51734	11,59390	9,99295,58305	38237	9,25906,93429	11,97627	10,74093,06571	30	
	40	9,25214,11124	11,59072	9,99295,20068	38248	9,25918,91056	11,97320	10,74081,08944	20	
	50	9,25225,70196	11,58751	9,99294,81820	38258	9,25930,88376	11,97009	10,74069,11624	10	
18	0	9,25237,28947	11,58434	9,99294,43562	38269	9,25942,85385	11,96703	10,74057,14615	0	42
	10	9,25248,87381	11,58114	9,99294,05293	38279	9,25954,82088	11,96393	10,74045,17912	50	
	20	9,25260,45495	11,57793	9,99293,67014	38290	9,25966,78481	11,96083	10,74033,21519	40	
	30	9,25272,03288	11,57475	9,99293,28724	38301	9,25978,74564	11,95776	10,74021,25436	30	
	40	9,25283,60763	11,57158	9,99292,90423	38311	9,25990,70340	11,95469	10,74009,29660	20	
	50	9,25295,17921	11,56839	9,99292,52112	38322	9,26002,65809	11,95161	10,73997,34191	10	
19	0	9,25306,74760	11,56520	9,99292,13790	38332	9,26014,60970	11,94852	10,73985,39030	0	41
	10	9,25318,31280	11,56203	9,99291,75458	38343	9,26026,55822	11,94546	10,73973,44178	50	
	20	9,25329,87483	11,55884	9,99291,37115	38353	9,26038,50368	11,94237	10,73961,49631	40	
	30	9,25341,43367	11,55566	9,99290,98762	38364	9,26050,44605	11,93930	10,73949,55395	30	
	40	9,25352,98933	11,55250	9,99290,60398	38375	9,26062,38535	11,93625	10,73937,61465	20	
	50	9,25364,54183	11,54931	9,99290,22023	38385	9,26074,32160	11,93316	10,73925,67840	10	
20	0	9,25376,09114	11,54615	9,99289,83638	38396	9,26086,25476	11,93011	10,73913,74524	0	40
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,25376,09114	11,54615	9,99289,83638	38396	9,26086,25476	11,93011	10,73913,74524	0	40
	10	9,25387,63729	11,54297	9,99289,45242	38406	9,26098,18487	11,92703	10,73901,81513	50	
	20	9,25399,18026	11,53981	9,99289,06836	38417	9,26110,11190	11,92398	10,73889,88810	40	
	30	9,25410,72007	11,53663	9,99288,68419	38427	9,26122,03588	11,92090	10,73877,96412	30	
	40	9,25422,25670	11,53349	9,99288,29992	38438	9,26133,95678	11,91787	10,73866,04322	20	
	50	9,25433,79019	11,53030	9,99287,91554	38448	9,26145,87465	11,91478	10,73854,12535	10	
21	0	9,25445,32049	11,52715	9,99287,53106	38459	9,26157,78943	11,91174	10,73842,21057	0	39
	10	9,25456,84764	11,52397	9,99287,14647	38469	9,26169,70117	11,90866	10,73830,29883	50	
	20	9,25468,37161	11,52082	9,99286,76178	38480	9,26181,60983	11,90562	10,73818,39017	40	
	30	9,25479,89243	11,51767	9,99286,37698	38491	9,26193,51545	11,90258	10,73806,48455	30	
	40	9,25491,41010	11,51451	9,99285,99207	38501	9,26205,41803	11,89952	10,73794,58197	20	
	50	9,25502,92461	11,51137	9,99285,60706	38512	9,26217,31755	11,89649	10,73782,68245	10	
22	0	9,25514,43598	11,50820	9,99285,22194	38522	9,26229,21404	11,89342	10,73770,78596	0	38
	10	9,25525,94418	11,50507	9,99284,83672	38533	9,26241,10746	11,89040	10,73758,89254	50	
	20	9,25537,44925	11,50189	9,99284,45139	38543	9,26252,99786	11,88732	10,73747,00214	40	
	30	9,25548,95114	11,49875	9,99284,06596	38554	9,26264,88518	11,88429	10,73735,11482	30	
	40	9,25560,44989	11,49561	9,99283,68042	38564	9,26276,76947	11,88125	10,73723,23053	20	
	50	9,25571,94550	11,49247	9,99283,29478	38575	9,26288,65072	11,87822	10,73711,34928	10	
23	0	9,25583,43797	11,48931	9,99282,90903	38585	9,26300,52894	11,87516	10,73699,47106	0	37
	10	9,25594,92728	11,48620	9,99282,52318	38596	9,26312,40410	11,87216	10,73687,59590	50	
	20	9,25606,41348	11,48305	9,99282,13722	38607	9,26324,27626	11,86912	10,73675,72374	40	
	30	9,25617,89653	11,47991	9,99281,75115	38617	9,26336,14538	11,86608	10,73663,85462	30	
	40	9,25629,37644	11,47677	9,99281,36498	38628	9,26348,01146	11,86305	10,73651,98854	20	
	50	9,25640,85321	11,47364	9,99280,97870	38638	9,26359,87451	11,86002	10,73640,12549	10	
24	0	9,25652,32685	11,47051	9,99280,59232	38649	9,26371,73453	11,85700	10,73628,26547	0	36
	10	9,25663,79736	11,46736	9,99280,20583	38659	9,26383,59153	11,85395	10,73616,40847	50	
	20	9,25675,26472	11,46424	9,99279,81924	38670	9,26395,44548	11,85094	10,73604,55452	40	
	30	9,25686,72896	11,46112	9,99279,43254	38680	9,26407,29642	11,84792	10,73592,70358	30	
	40	9,25698,19008	11,45798	9,99279,04574	38691	9,26419,14434	11,84489	10,73580,85566	20	
	50	9,25709,64806	11,45488	9,99278,65883	38702	9,26430,98923	11,84190	10,73569,01077	10	
25	0	9,25721,10294	11,45175	9,99278,27181	38712	9,26442,83113	11,83887	10,73557,16887	0	35
	10	9,25732,55469	11,44863	9,99277,88469	38723	9,26454,67000	11,83586	10,73545,33000	50	
	20	9,25744,00332	11,44550	9,99277,49746	38733	9,26466,50586	11,83283	10,73533,49414	40	
	30	9,25755,44882	11,44238	9,99277,11013	38744	9,26478,33869	11,82982	10,73521,66131	30	
	40	9,25766,89120	11,43927	9,99276,72269	38754	9,26490,16851	11,82681	10,73509,83149	20	
	50	9,25778,33047	11,43617	9,99276,33515	38765	9,26501,99532	11,82382	10,73498,00468	10	
26	0	9,25789,76664	11,43305	9,99275,94750	38775	9,26513,81914	11,82080	10,73486,18086	0	34
	10	9,25801,19969	11,42993	9,99275,55975	38786	9,26525,63994	11,81779	10,73474,36006	50	
	20	9,25812,62962	11,42683	9,99275,17189	38797	9,26537,45773	11,81480	10,73462,54227	40	
	30	9,25824,05645	11,42371	9,99274,78392	38807	9,26549,27253	11,81178	10,73450,72747	30	
	40	9,25835,48016	11,42060	9,99274,39585	38818	9,26561,08431	11,80878	10,73438,91569	20	
	50	9,25846,90076	11,41751	9,99274,00767	38828	9,26572,89309	11,80579	10,73427,10691	10	
27	0	9,25858,31827	11,41442	9,99273,61939	38839	9,26584,69888	11,80281	10,73415,30112	0	33
	10	9,25869,73269	11,41129	9,99273,23100	38849	9,26596,50169	11,79978	10,73403,49831	50	
	20	9,25881,14398	11,40819	9,99272,84251	38860	9,26608,30147	11,79679	10,73391,69853	40	
	30	9,25892,55217	11,40511	9,99272,45391	38870	9,26620,09826	11,79381	10,73379,90174	30	
	40	9,25903,95728	11,40200	9,99272,06521	38881	9,26631,89207	11,79081	10,73368,10793	20	
	50	9,25915,35928	11,39891	9,99271,67640	38891	9,26643,68288	11,78782	10,73356,31712	10	
28	0	9,25926,75819	11,39580	9,99271,28749	38902	9,26655,47070	11,78482	10,73344,52930	0	32
	10	9,25938,15399	11,39273	9,99270,89847	38912	9,26667,25552	11,78185	10,73332,74448	50	
	20	9,25949,54672	11,38964	9,99270,50935	38923	9,26679,03737	11,77887	10,73320,96263	40	
	30	9,25960,93636	11,38655	9,99270,12012	38934	9,26690,81624	11,77589	10,73309,18376	30	
	40	9,25972,32291	11,38348	9,99269,73078	38945	9,26702,59213	11,77293	10,73297,40787	20	
	50	9,25983,70639	11,38038	9,99269,34133	38955	9,26714,36506	11,76993	10,73285,63494	10	
29	0	9,25995,08677	11,37729	9,99268,95178	38965	9,26726,13499	11,76694	10,73273,86501	0	31
	10	9,26006,46406	11,37420	9,99268,56213	38976	9,26737,90193	11,76396	10,73262,09807	50	
	20	9,26017,83826	11,37114	9,99268,17237	38987	9,26749,66589	11,76101	10,73250,33411	40	
	30	9,26029,20940	11,36806	9,99267,78250	38997	9,26761,42690	11,75803	10,73238,57310	30	
	40	9,26040,57746	11,36498	9,99267,39253	39008	9,26773,18493	11,75506	10,73226,81507	20	
	50	9,26051,94244	11,36189	9,99267,00245	39018	9,26784,93999	11,75207	10,73215,06001	10	
30	0	9,26063,30433	11,35884	9,99266,61227	39029	9,26796,69206	11,74913	10,73203,30794	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,26063,30433	11,35884	9,99266,61227	39029	9,26796,69206	11,74913	10,73203,30794	0	30
	10	9,26074,66317	11,35574	9,99266,22198	39039	9,26808,44119	11,74613	10,73191,55881	50	
	20	9,26086,01891	11,35269	9,99265,83159	39050	9,26820,18732	11,74319	10,73179,81268	40	
	30	9,26097,37160	11,34962	9,99265,44109	39060	9,26831,93051	11,74022	10,73168,06949	30	
	40	9,26108,72122	11,34654	9,99265,05049	39071	9,26843,67073	11,73725	10,73156,32927	20	
	50	9,26120,06776	11,34349	9,99264,65978	39082	9,26855,40798	11,73431	10,73144,59202	10	
31	0	9,26131,41125	11,34042	9,99264,26896	39092	9,26867,14229	11,73134	10,73132,85771	0	29
	10	9,26142,75167	11,33736	9,99263,87804	39103	9,26878,87363	11,72839	10,73121,12637	50	
	20	9,26154,08903	11,33431	9,99263,48701	39113	9,26890,60202	11,72544	10,73109,39798	40	
	30	9,26165,42334	11,33124	9,99263,09588	39124	9,26902,32746	11,72248	10,73097,67254	30	
	40	9,26176,75458	11,32817	9,99262,70464	39134	9,26914,04994	11,71951	10,73085,95006	20	
	50	9,26188,08275	11,32511	9,99262,31330	39145	9,26925,76945	11,71657	10,73074,23055	10	
32	0	9,26199,40786	11,32207	9,99261,92185	39156	9,26937,48602	11,71362	10,73062,51398	0	28
	10	9,26210,72993	11,31900	9,99261,53029	39166	9,26949,19964	11,71066	10,73050,80036	50	
	20	9,26222,04893	11,31597	9,99261,13863	39177	9,26960,91030	11,70774	10,73039,08970	40	
	30	9,26233,36490	11,31293	9,99260,74686	39187	9,26972,61804	11,70480	10,73027,38196	30	
	40	9,26244,67783	11,30985	9,99260,35499	39198	9,26984,32284	11,70183	10,73015,67716	20	
	50	9,26255,98768	11,30683	9,99259,96301	39208	9,26996,02467	11,69891	10,73003,97533	10	
33	0	9,26267,29451	11,30378	9,99259,57093	39219	9,27007,72358	11,69597	10,72992,27642	0	27
	10	9,26278,59829	11,30073	9,99259,17874	39229	9,27019,41955	11,69302	10,72980,58045	50	
	20	9,26289,89902	11,29767	9,99258,78645	39240	9,27031,11257	11,69007	10,72968,88743	40	
	30	9,26301,19669	11.29464	9,99258,39405	39250	9,27042,80264	11,68714	10,72957,19736	30	
	40	9,26312,49133	11,29162	9,99258,00155	39261	9,27054,48978	11,68423	10,72945,51022	20	
	50	9,26323,78295	11,28858	9,99257,60894	39272	9,27066,17401	11,68130	10,72933,82599	10	
34	0	9,26335,07153	11,28554	9,99257,21622	39282	9,27077,85531	11,67836	10,72922,14469	0	26
	10	9,26346,35707	11,28249	9,99256,82340	39293	9,27089,53367	11,67542	10,72910,46633	50	
	20	9,26357,63956	11,27947	9,99256,43047	39303	9,27101,20909	11,67250	10,72898,79091	40	
	30	9,26368,91903	11,27645	9,99256,03744	39314	9,27112,88159	11,66959	10,72887,11841	30	
	40	9,26380,19548	11,27342	9,99255,64430	39325	9,27124,55118	11,66667	10,72875,44882	20	
	50	9,26391,46890	11,27039	9,99255,25105	39335	9,27136,21785	11,66373	10,72863,78215	10	
35	0	9,26402,73929	11,26736	9,99254,85770	39346	9,27147,88158	11,66083	10,72852,11842	0	25
	10	9,26414,00665	11,26431	9,99254,46424	39356	9,27159,54241	11,65787	10,72840,45759	50	
	20	9,26425,27096	11,26131	9,99254,07068	39367	9,27171,20028	11,65498	10,72828,79972	40	
	30	9,26436,53227	11,25830	9,99253,67701	39377	9,27182,85526	11,65207	10,72817,14474	30	
	40	9,26447,79057	11,25526	9,99253,28324	39388	9,27194,50733	11,64914	10,72805,49267	20	
	50	9,26459,04583	11,25225	9,99252,88936	39398	9,27206,15647	11,64623	10,72793,84353	10	
36	0	9,26470,29808	11,24924	9,99252,49538	39409	9,27217,80270	11,64333	10,72782,19730	0	24
	10	9,26481,54732	11,24622	9,99252,10129	39420	9,27229,44603	11,64042	10,72770,55397	50	
	20	9,26492,79354	11,24320	9,99251,70709	39430	9,27241,08645	11,63750	10,72758,91355	40	
	30	9,26504,03674	11,24020	9,99251,31279	39441	9,27252,72395	11,63461	10,72747,27605	30	
	40	9,26515,27694	11,23718	9,99250,91838	39451	9,27264,35856	11,63169	10,72735,64144	20	
	50	9,26526,51412	11,23417	9,99250,52387	39462	9,27275,99025	11,62879	10,72724,00975	10	
37	0	9,26537,74829	11,23117	9,99250,12925	39472	9,27287,61904	11,62589	10,72712,38096	0	23
	10	9,26548,97946	11,22816	9,99249,73453	39483	9,27299,24493	11,62299	10,72700,75507	50	
	20	9,26560,20762	11,22516	9,99249,33970	39494	9,27310,86792	11,62010	10,72689,13208	40	
	30	9,26571,43278	11,22215	9,99248,94476	39504	9,27322,48802	11,61719	10,72677,51198	30	
	40	9,26582,65493	11,21916	9,99248,54972	39515	9,27334,10521	11,61431	10,72665,89479	20	
	50	9,26593,87409	11,21614	9,99248,15457	39525	9,27345,71952	11,61139	10,72654,28048	10	
38	0	9,26605,09023	11,21317	9,99247,75932	39536	9,27357,33091	11,60853	10,72642,66909	0	22
	10	9,26616,30340	11,21016	9,99247,36396	39546	9,27368,93944	11,60562	10,72631,06056	50	
	20	9,26627,51356	11,20715	9,99246,96850	39557	9,27380,54506	11,60272	10,72619,45494	40	
	30	9,26638,72071	11,20417	9,99246,57293	39567	9,27392,14778	11,59984	10,72607,85222	30	
	40	9,26649,92488	11,20118	9,99246,17726	39578	9,27403,74762	11,59696	10,72596,25238	20	
	50	9,26661,12606	11,19818	9,99245,78148	39589	9,27415,34458	11,59407	10,72584,65542	10	
39	0	9,26672,32424	11,19520	9,99245,38559	39599	9,27426,93865	11,59119	10,72573,06135	0	21
	10	9,26683,51944	11,19222	9,99244,98960	39610	9,27438,52984	11,58832	10,72561,47016	50	
	20	9,26694,71166	11,18922	9,99244,59350	39620	9,27450,11816	11,58542	10,72549,88184	40	
	30	9,26705,90088	11,18623	9,99244,19730	39631	9,27461,70358	11,58254	10,72538,29642	30	
	40	9,26717,08711	11,18327	9,99243,80099	39642	9,27473,28612	11,57969	10,72526,71388	20	
	50	9,26728,27038	11,18028	9,99243,40457	39652	9,27484,86581	11,57680	10,72515,13419	10	
40	0	9,26739,45066	11,17729	9,99243,00805	39663	9,27496,44261	11,57392	10,72503,55739	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
40	0	9,26739,45066	11,17729	9,99243,00805	39663	9,27496,44261	11,57392	10,72503,55739	0	20
	10	9,26750,62795	11,17433	9,99242,61142	39673	9,27508,01653	11,57106	10,72491,98347	50	
	20	9,26761,80228	11,17135	9,99242,21469	39684	9,27519,58759	11,56819	10,72480,41241	40	
	30	9,26772,97363	11,16836	9,99241,81785	39694	9,27531,15578	11,56530	10,72468,84422	30	
	40	9,26784,14199	11,16540	9,99241,42091	39705	9,27542,72108	11,56245	10,72457,27892	20	
	50	9,26795,30739	11,16243	9,99241,02386	39715	9,27554,28353	11,55958	10,72445,71647	10	
41	0	9,26806,46982	11,15946	9,99240,62671	39726	9,27565,84311	11,55672	10,72434,15689	0	19
	10	9,26817,62928	11,15650	9,99240,22945	39737	9,27577,39983	11,55387	10,72422,60017	50	
	20	9,26828,78578	11,15352	9,99239,83208	39747	9,27588,95370	11,55099	10,72411,04630	40	
	30	9,26839,93930	11,15055	9,99239,43461	39758	9,27600,50469	11,54813	10,72399,49531	30	
	40	9,26851,08985	11,14758	9,99239,03703	39768	9,27612,05282	11,54526	10,72387,94718	20	
	50	9,26862,23743	11,14462	9,99238,63935	39779	9,27623,59808	11,54241	10,72376,40192	10	
42	0	9,26873,38205	11,14165	9,99238,24156	39789	9,27635,14049	11,53954	10,72364,85951	0	18
	10	9,26884,52370	11,13871	9,99237,84367	39800	9,27646,68003	11,53671	10,72353,31997	50	
	20	9,26895,66241	11,13575	9,99237,44567	39811	9,27658,21674	11,53386	10,72341,78326	40	
	30	9,26906,79816	11,13279	9,99237,04756	39821	9,27669,75060	11,53100	10,72330,24940	30	
	40	9,26917,93095	11,12984	9,99236,64935	39832	9,27681,28160	11,52816	10,72318,71840	20	
	50	9,26929,06079	11,12688	9,99236,25103	39842	9,27692,80976	11,52530	10,72307,19024	10	
43	0	9,26940,18767	11,12392	9,99235,85261	39853	9,27704,33506	11,52245	10,72295,66494	0	17
	10	9,26951,31159	11,12096	9,99235,45408	39863	9,27715,85751	11,51959	10,72284,14249	50	
	20	9,26962,43255	11,11803	9,99235,05545	39874	9,27727,37710	11,51677	10,72272,62290	40	
	30	9,26973,55058	11,11510	9,99234,65671	39885	9,27738,89387	11,51395	10,72261,10613	30	
	40	9,26984,66568	11,11213	9,99234,25786	39895	9,27750,40782	11,51108	10,72249,59218	20	
	50	9,26995,77781	11,10919	9,99233,85891	39906	9,27761,91890	11,50825	10,72238,08110	10	
44	0	9,27006,88700	11,10626	9,99233,45985	39916	9,27773,42715	11,50542	10,72226,57285	0	16
	10	9,27017,99326	11,10332	9,99233,06069	39927	9,27784,93257	11,50259	10,72215,06743	50	
	20	9,27029,09658	11,10036	9,99232,66142	39938	9,27796,43516	11,49974	10,72203,56484	40	
	30	9,27040,19694	11,09742	9,99232,26204	39948	9,27807,93490	11,49690	10,72192,06510	30	
	40	9,27051,29436	11,09449	9,99231,86256	39959	9,27819,43180	11,49408	10,72180,56820	20	
	50	9,27062,38885	11,09155	9,99231,46297	39969	9,27830,92588	11,49124	10,72169,07412	10	
45	0	9,27073,48040	11,08862	9,99231,06328	39980	9,27842,41712	11,48842	10,72157,58288	0	15
	10	9,27084,56902	11,08568	9,99230,66348	39990	9,27853,90554	11,48558	10,72146,09446	50	
	20	9,27095,65470	11,08276	9,99230,26358	40001	9,27865,39112	11,48277	10,72134,60888	40	
	30	9,27106,73746	11,07983	9,99229,86357	40012	9,27876,87389	11,47995	10,72123,12611	30	
	40	9,27117,81729	11,07691	9,99229,46345	40022	9,27888,35384	11,47713	10,72111,64616	20	
	50	9,27128,89420	11,07398	9,99229,06323	40033	9,27899,83097	11,47431	10,72100,16903	10	
46	0	9,27139,96818	11,07105	9,99228,66290	40043	9,27911,30528	11,47148	10,72088,69472	0	14
	10	9,27151,03923	11,06814	9,99228,26247	40054	9,27922,77676	11,46868	10,72077,22324	50	
	20	9,27162,10737	11,06520	9,99227,86193	40064	9,27934,24544	11,46584	10,72065,75456	40	
	30	9,27173,17257	11,06228	9,99227,46129	40075	9,27945,71128	11,46303	10,72054,28872	30	
	40	9,27184,23485	11,05935	9,99227,06054	40086	9,27957,17431	11,46021	10,72042,82569	20	
	50	9,27195,29420	11,05644	9,99226,65968	40096	9,27968,63452	11,45740	10,72031,36548	10	
47	0	9,27206,35064	11,05354	9,99226,25872	40107	9,27980,09192	11,45461	10,72019,90808	0	13
	10	9,27217,40418	11,05061	9,99225,85765	40117	9,27991,54653	11,45178	10,72008,45347	50	
	20	9,27228,45479	11,04770	9,99225,45648	40128	9,28002,99831	11,44898	10,71997,00169	40	
	30	9,27239,50249	11,04478	9,99225,05520	40138	9,28014,44729	11,44616	10,71985,55271	30	
	40	9,27250,54727	11,04190	9,99224,65382	40149	9,28025,89345	11,44339	10,71974,10655	20	
	50	9,27261,58917	11,03898	9,99224,25233	40160	9,28037,33684	11,44058	10,71962,66316	10	
48	0	9,27272,62815	11,03605	9,99223,85073	40170	9,28048,77742	11,43775	10,71951,22258	0	12
	10	9,27283,66420	11,03317	9,99223,44903	40181	9,28060,21517	11,43498	10,71939,78483	50	
	20	9,27294,69737	11,03025	9,99223,04722	40191	9,28071,65015	11,43216	10,71928,34985	40	
	30	9,27305,72762	11,02734	9,99222,64531	40202	9,28083,08231	11,42936	10,71916,91769	30	
	40	9,27316,75496	11,02446	9,99222,24329	40213	9,28094,51167	11,42659	10,71905,48833	20	
	50	9,27327,77942	11,02156	9,99221,84116	40223	9,28105,93826	11,42377	10,71894,06174	10	
49	0	9,27338,80096	11,01864	9,99221,43893	40234	9,28117,36203	11,42100	10,71882,63797	0	11
	10	9,27349,81962	11,01575	9,99221,03659	40244	9,28128,78303	11,41819	10,71871,21697	50	
	20	9,27360,83537	11,01286	9,99220,63415	40255	9,28140,20122	11,41541	10,71859,79878	40	
	30	9,27371,84823	11,00996	9,99220,23160	40265	9,28151,61663	11,41261	10,71848,38337	30	
	40	9,27382,85819	11,00707	9,99219,82895	40276	9,28163,02924	11,40983	10,71836,97076	20	
	50	9,27393,86526	11,00418	9,99219,42619	40287	9,28174,43907	11,40705	10,71825,56093	10	
50	0	9,27404,86944	11,00130	9,99219,02332	40297	9,28185,84612	11,40427	10,71814,15388	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,27404,86944	11,00130	9,99219,02332	40297	9,28185,84612	11,40427	10,71814,15388	0	10
	10	9,27415,87074	10,99842	9,99218,62035	40308	9,28197,25039	11,40150	10,71802,74961	50	
	20	9,27426,86916	10,99551	9,99218,21727	40318	9,28208,65189	11,39869	10,71791,34811	40	
	30	9,27437,86467	10,99263	9,99217,81409	40329	9,28220,05058	11,39592	10,71779,94942	30	
	40	9,27448,85730	10,98974	9,99217,41080	40340	9,28231,44650	11,39314	10,71768,55350	20	
	50	9,27459,84704	10,98687	9,99217,00740	40350	9,28242,83964	11,39037	10,71757,16036	10	
51	0	9,27470,83391	10,98401	9,99216,60390	40361	9,28254,23001	11,38762	10,71745,76999	0	9
	10	9,27481,81792	10,98110	9,99216,20029	40371	9,28265,61763	11,38481	10,71734,38237	50	
	20	9,27492,79902	10,97821	9,99215,79658	40382	9,28277,00244	11,38203	10,71722,99756	40	
	30	9,27503,77[illegible]22	10,97534	9,99215,39276	40392	9,28288,38447	11,37926	10,71711,61553	30	
	40	9,27514,75257	10,97248	9,99214,98884	40403	9,28299,76373	11,37651	10,71700,23627	20	
	50	9,27525,72505	10,96961	9,99214,58481	40414	9,28311,14024	11,37375	10,71688,85976	10	
52	0	9,27536,69466	10,96673	9,99214,18067	40424	9,28322,51399	11,37097	10,71677,48601	0	8
	10	9,27547,66139	10,96386	9,99213,77643	40435	9,28333,88496	11,36821	10,71666,11504	50	
	20	9,27558,62525	10,96099	9,99213,37208	40445	9,28345,25317	11,36544	10,71654,74683	40	
	30	9,27569,58624	10,95812	9,99212,96763	40456	9,28356,61861	11,36268	10,71643,38139	30	
	40	9,27580,54436	10,95526	9,99212,56307	40466	9,28367,98129	11,35992	10,71632,01871	20	
	50	9,27591,49962	10,95239	9,99212,15841	40477	9,28379,34121	11,35716	10,71620,65879	10	
53	0	9,27602,45201	10,94954	9,99211,75364	40488	9,28390,69837	11,35442	10,71609,30163	0	7
	10	9,27613,40155	10,94666	9,99211,34876	40498	9,28402,05279	11,35164	10,71597,94721	50	
	20	9,27624,34821	10,94381	9,99210,94378	40509	9,28413,40443	11,34890	10,71586,59557	40	
	30	9,27635,29202	10,94093	9,99210,53869	40519	9,28424,75333	11,34612	10,71575,24667	30	
	40	9,27646,23295	10,93807	9,99210,13350	40530	9,28436,09945	11,34337	10,71563,90055	20	
	50	9,27657,17102	10,93524	9,99209,72820	40541	9,28447,44282	11,34065	10,71552,55718	10	
54	0	9,27668,10626	10,93240	9,99209,32279	40551	9,28458,78347	11,33791	10,71541,21653	0	6
	10	9,27679,03866	10,92953	9,99208,91728	40562	9,28470,12138	11,33515	10,71529,87862	50	
	20	9,27689,96819	10,92667	9,99208,51166	40572	9,28481,45653	11,33239	10,71518,54347	40	
	30	9,27700,89486	10,92383	9,99208,10594	40583	9,28492,78892	11,32966	10,71507,21108	30	
	40	9,27711,81869	10,92096	9,99207,70011	40594	9,28504,11858	11,32690	10,71495,88142	20	
	50	9,27722,73965	10,91813	9,99207,29417	40604	9,28515,44548	11,32417	10,71484,55452	10	
55	0	9,27733,65778	10,91529	9,99206,88813	40615	9,28526,76965	11,32144	10,71473,23035	0	5
	10	9,27744,57307	10,91243	9,99206,48198	40625	9,28538,09109	11,31868	10,71461,90891	50	
	20	9,27755,48550	10,90959	9,99206,07573	40636	9,28549,40977	11,31595	10,71450,59023	40	
	30	9,27766,39509	10,90676	9,99205,66937	40647	9,28560,72572	11,31323	10,71439,27428	30	
	40	9,27777,30185	10,90390	9,99205,26290	40657	9,28572,03895	11,31047	10,71427,96105	20	
	50	9,27788,20575	10,90107	9,99204,85633	40668	9,28583,34942	11,30775	10,71416,65058	10	
56	0	9,27799,10682	10,89823	9,99204,44965	40678	9,28594,65717	11,30501	10,71405,34283	0	4
	10	9,27810,00505	10,89539	9,99204,04287	40689	9,28605,96218	11,30228	10,71394,03782	50	
	20	9,27820,90044	10,89256	9,99203,63598	40699	9,28617,26446	11,29955	10,71382,73554	40	
	30	9,27831,79300	10,88972	9,99203,22899	40710	9,28628,56401	11,29682	10,71371,43599	30	
	40	9,27842,68272	10,88691	9,99202,82189	40721	9,28639,86083	11,29412	10,71360,13917	20	
	50	9,27853,56963	10,88408	9,99202,41468	40731	9,28651,15495	11,29139	10,71348,84505	10	
57	0	9,27864,45371	10,88123	9,99202,00737	40742	9,28662,44634	11,28865	10,71337,55366	0	3
	10	9,27875,33494	10,87840	9,99201,59995	40752	9,28673,73499	11,28592	10,71326,26501	50	
	20	9,27886,21334	10,87559	9,99201,19243	40763	9,28685,02091	11,28322	10,71314,97909	40	
	30	9,27897,08893	10,87275	9,99200,78480	40773	9,28696,30413	11,28048	10,71303,69587	30	
	40	9,27907,96168	10,86993	9,99200,37707	40784	9,28707,58461	11,27777	10,71292,41539	20	
	50	9,27918,83161	10,86711	9,99199,96923	40795	9,28718,86238	11,27506	10,71281,13762	10	
58	0	9,27929,69872	10,86430	9,99199,56128	40805	9,28730,13744	11,27235	10,71269,86256	0	2
	10	9,27940,56302	10,86146	9,99199,15323	40816	9,28741,40979	11,26962	10,71258,59021	50	
	20	9,27951,42448	10,85866	9,99198,74507	40827	9,28752,67941	11,26693	10,71247,32059	40	
	30	9,27962,28314	10,85585	9,99198,33680	40837	9,28763,94634	11,26422	10,71236,05366	30	
	40	9,27973,13899	10,85302	9,99197,92843	40848	9,28775,21056	11,26150	10,71224,78944	20	
	50	9,27983,99201	10,85021	9,99197,51995	40858	9,28786,47206	11,25879	10,71213,52794	10	
59	0	9,27994,84222	10,84741	9,99197,11137	40869	9,28797,73085	11,25610	10,71202,26915	0	1
	10	9,28005,68963	10,84459	9,99196,70268	40880	9,28808,98695	11,25339	10,71191,01305	50	
	20	9,28016,53422	10,84178	9,99196,29388	40890	9,28820,24034	11,25068	10,71179,75966	40	
	30	9,28027,37600	10,83897	9,99195,88498	40901	9,28831,49102	11,24798	10,71168,50898	30	
	40	9,28038,21497	10,83615	9,99195,47597	40911	9,28842,73900	11,24526	10,71157,26100	20	
	50	9,28049,05112	10,83336	9,99195,06686	40922	9,28853,98426	11,24258	10,71146,01574	10	
60	0	9,28059,88448	10,83055	9,99194,65764	40932	9,28865,22684	11,23987	10,71134,77316	0	0
		Sin. Compl.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,28059,88448	10,83055	9,99194,65764	40932	9,28865,22684	11,23987	10,71134,77315	0	60
	10	9,28070,71503	10,82777	9,99194,24832	40943	9,28876,46671	11,23720	10,71123,53329	50	
	20	9,28081,54280	10,82496	9,99193,83889	40954	9,28887,70391	11,23450	10,71112,29609	40	
	30	9,28092,36776	10,82216	9,99193,42935	40964	9,28898,93841	11,23180	10,71101,06159	30	
	40	9,28103,18992	10,81934	9,99193,01971	40975	9,28910,17021	11,22909	10,71089,82979	20	
	50	9,28114,00926	10,81655	9,99192,60996	40985	9,28921,39930	11,22640	10,71078,60070	10	
1	0	9,28124,82581	10,81375	9,99192,20011	40996	9,28932,62570	11,22371	10,71067,37430	0	59
	10	9,28135,63956	10,81098	9,99191,79015	41007	9,28943,84941	11,22105	10,71056,15059	50	
	20	9,28146,45054	10,80818	9,99191,38008	41017	9,28955,07046	11,21835	10,71044,92954	40	
	30	9,28157,25872	10,80537	9,99190,96991	41028	9,28966,28881	11,21565	10,71033,71119	30	
	40	9,28168,06409	10,80260	9,99190,55963	41038	9,28977,50446	11,21298	10,71022,49554	20	
	50	9,28178,86669	10,79981	9,99190,14925	41049	9,28988,71744	11,21030	10,71011,28256	10	
2	0	9,28189,66650	10,79703	9,99189,73876	41060	9,28999,92774	11,20763	10,71000,07226	0	58
	10	9,28200,46353	10,79423	9,99189,32816	41070	9,29011,13537	11,20493	10,70988,86463	50	
	20	9,28211,25776	10,79145	9,99188,91746	41081	9,29022,34030	11,20226	10,70977,65970	40	
	30	9,28222,04921	10,78866	9,99188,50665	41091	9,29033,54256	11,19957	10,70966,45744	30	
	40	9,28232,83787	10,78589	9,99188,09574	41102	9,29044,74213	11,19691	10,70955,25787	20	
	50	9,28243,62376	10,78310	9,99187,68472	41113	9,29055,93904	11,19423	10,70944,06096	10	
3	0	9,28254,40686	10,78032	9,99187,27359	41123	9,29067,13327	11,19155	10,70932,86673	0	57
	10	9,28265,18718	10,77755	9,99186,86236	41134	9,29078,32482	11,18889	10,70921,67518	50	
	20	9,28275,96473	10,77477	9,99186,45102	41144	9,29089,51371	11,18621	10,70910,48629	40	
	30	9,28286,73950	10,77201	9,99186,03958	41155	9,29100,69992	11,18356	10,70899,30008	30	
	40	9,28297,51151	10,76923	9,99185,62803	41166	9,29111,88348	11,18089	10,70888,11652	20	
	50	9,28308,28074	10,76646	9,99185,21637	41176	9,29123,06437	11,17822	10,70876,93563	10	
4	0	9,28319,04720	10,76369	9,99184,80461	41187	9,29134,24259	11,17556	10,70865,75741	0	56
	10	9,28329,81089	10,76091	9,99184,39274	41197	9,29145,41815	11,17288	10,70854,58185	50	
	20	9,28340,57180	10,75813	9,99183,98077	41208	9,29156,59103	11,17021	10,70843,40897	40	
	30	9,28351,32993	10,75536	9,99183,56869	41218	9,29167,76124	11,16754	10,70832,23876	30	
	40	9,28362,08529	10,75262	9,99183,15651	41229	9,29178,92878	11,16491	10,70821,07122	20	
	50	9,28372,83791	10,74985	9,99182,74422	41240	9,29190,09369	11,16224	10,70809,90631	10	
5	0	9,28383,58776	10,74709	9,99182,33182	41250	9,29201,25593	11,15960	10,70798,74407	0	55
	10	9,28394,33485	10,74434	9,99181,91932	41261	9,29212,41553	11,15695	10,70787,58447	50	
	20	9,28405,07919	10,74156	9,99181,50671	41272	9,29223,57248	11,15428	10,70776,42752	40	
	30	9,28415,82075	10,73881	9,99181,09399	41282	9,29234,72676	11,15163	10,70765,27324	30	
	40	9,28426,55956	10,73605	9,99180,68117	41293	9,29245,87839	11,14898	10,70754,12161	20	
	50	9,28437,29561	10,73331	9,99180,26824	41303	9,29257,02737	11,14634	10,70742,97263	10	
6	0	9,28448,02892	10,73055	9,99179,85521	41314	9,29268,17371	11,14369	10,70731,82629	0	54
	10	9,28458,75947	10,72778	9,99179,44207	41325	9,29279,31740	11,14103	10,70720,68260	50	
	20	9,28469,48725	10,72504	9,99179,02882	41335	9,29290,45843	11,13839	10,70709,45157	40	
	30	9,28480,21229	10,72228	9,99178,61547	41346	9,29301,59682	11,13574	10,70698,40318	30	
	40	9,28490,93457	10,71955	9,99178,20201	41356	9,29312,73256	11,13311	10,70687,26744	20	
	50	9,28501,65412	10,71680	9,99177,78845	41367	9,29323,86567	11,13047	10,70676,13433	10	
7	0	9,28512,37092	10,71406	9,99177,37478	41378	9,29334,99614	11,12784	10,70665,00386	0	53
	10	9,28523,08498	10,71129	9,99176,96100	41388	9,29346,12398	11,12517	10,70653,87602	50	
	20	9,28533,79627	10,70855	9,99176,54712	41399	9,29357,24915	11,12254	10,70642,75085	40	
	30	9,28544,50482	10,70582	9,99176,13313	41409	9,29368,37169	11,11991	10,70631,62831	30	
	40	9,28555,21064	10,70307	9,99175,71904	41420	9,29379,49160	11,11727	10,70620,50840	20	
	50	9,28565,91371	10,70034	9,99175,30484	41430	9,29390,60887	11,11464	10,70609,39113	10	
8	0	9,28576,61405	10,69761	9,99174,89054	41441	9,29401,72351	11,11202	10,70598,27649	0	52
	10	9,28587,31166	10,69485	9,99174,47613	41452	9,29412,83553	11,10937	10,70587,16447	50	
	20	9,28598,00651	10,69213	9,99174,06161	41462	9,29423,94490	11,10675	10,70576,05510	40	
	30	9,28608,69864	10,68939	9,99173,64699	41473	9,29435,05165	11,10412	10,70564,94835	30	
	40	9,28619,38803	10,68668	9,99173,23226	41484	9,29446,15577	11,10152	10,70553,84423	20	
	50	9,28630,07471	10,68393	9,99172,81742	41494	9,29457,25729	11,09886	10,70542,74271	10	
9	0	9,28640,75864	10,68121	9,99172,40248	41505	9,29468,35615	11,09627	10,70531,64385	0	51
	10	9,28651,43985	10,67846	9,99171,98743	41515	9,29479,45242	11,09361	10,70520,54758	50	
	20	9,28662,11831	10,67575	9,99171,57228	41526	9,29490,54603	11,09101	10,70509,45397	40	
	30	9,28672,79406	10,67302	9,99171,15702	41537	9,29501,63704	11,08839	10,70498,36296	30	
	40	9,28683,46708	10,67029	9,99170,74165	41547	9,29512,72543	11,08576	10,70487,27457	20	
	50	9,28694,13737	10,66758	9,99170,32618	41558	9,29523,81119	11,08316	10,70476,18881	10	
10	0	9,28704,80495	10,66487	9,99169,91060	41569	9,29534,89435	11,08056	10,70465,10565	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	9,28704,80495		9,99169,91060		9,29534,89435		10,70465,10565	0	50
	10	9,28715,46982	10,66487	9,99169,49491	41569	9,29545,97491	11,08056	10,70454,02509	50	
	20	9,28726,13194	10,66212	9,99169,07912	41579	9,29557,05282	11,07791	10,70442,94718	40	
	30	9,28736,79134	10,65940	9,99168,66322	41590	9,29568,12812	11,07530	10,70431,87188	30	
	40	9,28747,44803	10,65669	9,99168,24722	41600	9,29579,20081	11,07269	10,70420,79919	20	
	50	9,28758,10201	10,65398	9,99167,83111	41611	9,29590,27090	11,07009	10,70409,72910	10	
11	0	9,28768,75327	10,65126	9,99167,41490	41621	9,29601,33837	11,06747	10,70398,66163	0	49
	10	9,28779,40182	10,64855	9,99166,99858	41632	9,29612,40324	11,06487	10,70387,59676	50	
	20	9,28790,04767	10,64585	9,99166,58215	41643	9,29623,46552	11,06228	10,70376,53448	40	
	30	9,28800,69080	10,64313	9,99166,16562	41653	9,29634,52518	11,05966	10,70365,47482	30	
	40	9,28811,33123	10,64043	9,99165,74898	41664	9,29645,58225	11,05707	10,70354,41775	20	
	50	9,28821,96894	10,63771	9,99165,33224	41674	9,29656,63670	11,05445	10,70343,36330	10	
12	0	9,28832,60394	10,63500	9,99164,91539	41685	9,29667,68855	11,05185	10,70332,31145	0	48
	10	9,28843,23623	10,63229	9,99164,49844	41695	9,29678,73779	11,04924	10,70321,26221	50	
	20	9,28853,86579	10,62956	9,99164,08138	41706	9,29689,78441	11,04662	10,70310,21559	40	
	30	9,28864,49269	10,62690	9,99163,66421	41717	9,29700,82848	11,04407	10,70299,17152	30	
	40	9,28875,11687	10,62418	9,99163,24693	41728	9,29711,86994	11,04146	10,70288,13006	20	
	50	9,28885,73835	10,62148	9,99162,82955	41738	9,29722,90880	11,03886	10,70277,09120	10	
13	0	9,28896,35715	10,61880	9,99162,41206	41749	9,29733,94509	11,03629	10,70266,05491	0	47
	10	9,28906,97326	10,61611	9,99161,99446	41760	9,29744,97880	11,03371	10,70255,02120	50	
	20	9,28917,58665	10,61339	9,99161,57676	41770	9,29756,00989	11,03109	10,70243,99011	40	
	30	9,28928,19735	10,61070	9,99161,15895	41781	9,29767,03840	11,02851	10,70232,96160	30	
	40	9,28938,80535	10,60800	9,99160,74104	41791	9,29778,06431	11,02591	10,70221,93569	20	
	50	9,28949,41067	10,60532	9,99160,32302	41802	9,29789,08765	11,02334	10,70210,91235	10	
14	0	9,28960,01327	10,60260	9,99159,90490	41812	9,29800,10837	11,02072	10,70199,89163	0	46
	10	9,28970,61319	10,59992	9,99159,48667	41823	9,29811,12652	11,01815	10,70188,87348	50	
	20	9,28981,21044	10,59725	9,99159,06833	41834	9,29822,14211	11,01559	10,70177,85789	40	
	30	9,28991,80500	10,59456	9,99158,64989	41844	9,29833,15511	11,01300	10,70166,84489	30	
	40	9,29002,39686	10,59186	9,99158,23134	41855	9,29844,16552	11,01041	10,70155,83448	20	
	50	9,29012,98605	10,58919	9,99157,81269	41865	9,29855,17336	11,00784	10,70144,82664	10	
15	0	9,29023,57255	10,58650	9,99157,39393	41876	9,29866,17862	11,00526	10,70133,82138	0	45
	10	9,29034,15638	10,58383	9,99156,97506	41887	9,29877,18132	11,00270	10,70122,81868	50	
	20	9,29044,73753	10,58115	9,99156,55609	41897	9,29888,18144	11,00012	10,70111,81856	40	
	30	9,29055,31598	10,57845	9,99156,13701	41908	9,29899,17897	10,99753	10,70100,82103	30	
	40	9,29065,89175	10,57577	9,99155,71783	41918	9,29910,17392	10,99495	10,70089,82608	20	
	50	9,29076,46485	10,57310	9,99155,29854	41929	9,29921,16631	10,99239	10,70078,83369	10	
16	0	9,29087,03528	10,57043	9,99154,87914	41940	9,29932,15614	10,98983	10,70067,84386	0	44
	10	9,29097,60302	10,56774	9,99154,45964	41950	9,29943,14338	10,98724	10,70056,85662	50	
	20	9,29108,16811	10,56509	9,99154,04003	41961	9,29954,12808	10,98470	10,70045,87192	40	
	30	9,29118,73052	10,56241	9,99153,62031	41972	9,29965,11021	10,98213	10,70034,88979	30	
	40	9,29129,29025	10,55973	9,99153,20049	41982	9,29976,08976	10,97955	10,70023,91024	20	
	50	9,29139,84731	10,55706	9,99152,78056	41993	9,29987,06675	10,97699	10,70012,93325	10	
17	0	9,29150,40173	10,55442	9,99152,36052	42004	9,29998,04122	10,97447	10,70001,95878	0	43
	10	9,29160,95348	10,55175	9,99151,94038	42014	9,30009,01310	10,97188	10,69990,98690	50	
	20	9,29171,50255	10,54907	9,99151,52013	42025	9,30019,98242	10,96932	10,69980,01758	40	
	30	9,29182,04895	10,54640	9,99151,09978	42035	9,30030,94917	10,96675	10,69969,05083	30	
	40	9,29192,59271	10,54376	9,99150,67932	42046	9,30041,91339	10,96422	10,69958,08661	20	
	50	9,29203,13380	10,54109	9,99150,25876	42056	9,30052,87504	10,96165	10,69947,12496	10	
18	0	9,29213,67221	10,53841	9,99149,83809	42067	9,30063,83411	10,95907	10,69936,16589	0	42
	10	9,29224,20797	10,53576	9,99149,41731	42078	9,30074,79066	10,95655	10,69925,20934	50	
	20	9,29234,74107	10,53310	9,99148,99643	42088	9,30085,74464	10,95398	10,69914,25536	40	
	30	9,29245,27152	10,53045	9,99148,57544	42099	9,30096,69608	10,95144	10,69903,30392	30	
	40	9,29255,79933	10,52781	9,99148,15435	42109	9,30107,64498	10,94890	10,69892,35502	20	
	50	9,29266,32446	10,52513	9,99147,73315	42120	9,30118,59131	10,94633	10,69881,40869	10	
19	0	9,29276,84695	10,52249	9,99147,31184	42131	9,30129,53511	10,94380	10.69870,46489	0	41
	10	9,29287,36679	10,51984	9,99146,89043	42141	9,30140,47636	10,94125	10,69859,52364	50	
	20	9,29297,88398	10,51719	9,99146,46891	42152	9,30151,41507	10,93871	10,69848,58493	40	
	30	9,29308,39852	10,51454	9,99146,04728	42163	9,30162,35124	10,93617	10,69837,64876	30	
	40	9,29318,91040	10,51188	9,99145,62555	42173	9,30173,28485	10,93361	10,69826,71515	20	
	50	9,29329,41965	10,50925	9,99145,20371	42184	9,30184,21594	10,93109	10,69815,78406	10	
20	0	9,29339,92626	10,50661	9,99144,78176	42195	9,30195,14450	10,92856	10,69804,85550	0	40
		Sin. Compl.	10,50396	SINVVM	42205	Tang. compl.	10,92601	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,29339,92626	10,50396	9,99144,78176	42205	9,30195,14450	10,92601	10,69804,85550	0	40
	10	9,29350,43022	10,50132	9,99144,35971	42216	9,30206,07051	10,92348	10,69793,92949	50	
	20	9,29360,93154	10,49868	9,99143,93755	42226	9,30216,99399	10,92094	10,69783,00601	40	
	30	9,29371,43022	10,49604	9,99143,51529	42237	9,30227,91493	10,91841	10,69772,08507	30	
	40	9,29381,92626	10,49340	9,99143,09292	42248	9,30238,83334	10,91588	10,69761,16666	20	
	50	9,29392,41966	10,49076	9,99142,67044	42258	9,30249,74922	10,91334	10,69750,25078	10	
21	0	9,29402,91042	10,48813	9,99142,24786	42269	9,30260,66256	10,91082	10,69739,33744	0	39
	10	9,29413,39855	10,48551	9,99141,82517	42280	9,30271,57338	10,90831	10,69728,42662	50	
	20	9,29423,88406	10,48286	9,99141,40237	42290	9,30282,48169	10,90576	10,69717,51831	40	
	30	9,29434,36692	10,48023	9,99140,97947	42301	9,30293,38745	10,90324	10,69706,61255	30	
	40	9,29444,84715	10,47759	9,99140,55646	42311	9,30304,29069	10,90070	10,69695,70931	20	
	50	9,29455,32474	10,47498	9,99140,13335	42322	9,30315,19139	10,89820	10,69684,80861	10	
22	0	9,29465,79972	10,47233	9,99139,71013	42333	9,30326,08959	10,89566	10,69673,91041	0	38
	10	9,29476,27205	10,46971	9,99139,28680	42343	9,30336,98525	10,89314	10,69663,01475	50	
	20	9,29486,74176	10,46710	9,99138,86337	42354	9,30347,87839	10,89064	10,69652,12161	40	
	30	9,29497,20886	10,46447	9,99138,43983	42364	9,30358,76903	10,88811	10,69641,23097	30	
	40	9,29507,67333	10,46183	9,99138,01619	42375	9,30369,65714	10,88558	10,69630,34286	20	
	50	9,29518,13516	10,45923	9,99137,59244	42386	9,30380,54272	10,88309	10,69619,45728	10	
23	0	9,29528,59439	10,45659	9,99137,16858	42396	9,30391,42581	10,88055	10,69608,57419	0	37
	10	9,29539,05098	10,45398	9,99136,74462	42407	9,30402,30636	10,87805	10,69597,69364	50	
	20	9,29549,50496	10,45138	9,99136,32055	42418	9,30413,18441	10,87556	10,69586,81559	40	
	30	9,29559,95634	10,44875	9,99135,89637	42428	9,30424,05997	10,87303	10,69575,94003	30	
	40	9,29570,40509	10,44613	9,99135,47209	42439	9,30434,93300	10,87052	10,69565,06700	20	
	50	9,29580,85122	10,44351	9,99135,04770	42449	9,30445,80352	10,86800	10,69554,19648	10	
24	0	9,29591,29473	10,44091	9,99134,62321	42460	9,30456,67152	10,86551	10,69543,32848	0	36
	10	9,29601,73564	10,43829	9,99134,19861	42471	9,30467,53703	10,86300	10,69532,46297	50	
	20	9,29612,17393	10,43568	9,991337,7390	42481	9,30478,40003	10,86049	10,69521,59997	40	
	30	9,29622,60961	10,43308	9,99133,34909	42492	9,30489,26052	10,85800	10,69510,73948	30	
	40	9,29633,04269	10,43046	9,99132,92417	42502	9,30500,11852	10,85548	10,69499,88148	20	
	50	9,29643,47315	10,42786	9,99132,49915	42513	9,30510,97400	10,85299	10,69489,02600	10	
25	0	9,29653,90101	10,42525	9,99132,07402	42524	9,30521,82699	10,85049	10,69478,17301	0	35
	10	9,29664,32626	10,42266	9,99131,64878	42534	9,30532,67748	10,84800	10,69467,32252	50	
	20	9,29674,74892	10,42004	9,99131,22344	42545	9,30543,52548	10,84549	10,69456,47452	40	
	30	9,29685,16896	10,41745	9,99130,79799	42556	9,30554,37097	10,84301	10,69445,62903	30	
	40	9,29695,58641	10,41483	9,99130,37243	42566	9,30565,21398	10,84049	10,69434,78602	20	
	50	9,29706,00124	10,41225	9,99129,94677	42577	9,30576,05447	10,83802	10,69423,94553	10	
26	0	9,29716,41349	10,40965	9,99129,52100	42587	9,30586,89249	10,83552	10,69413,10751	0	34
	10	9,29726,82314	10,40706	9,99129,09513	42598	9,30597,72801	10,83304	10,69402,27199	50	
	20	9,29737,23020	10,40445	9,99128,66915	42609	9,30608,56105	10,83054	10,69391,43895	40	
	30	9,29747,63465	10,40185	9,99128,24306	42619	9,30619,39159	10,82804	10,69380,60841	30	
	40	9,29758,03650	10,39927	9,99127,81687	42630	9,30630,21963	10,82557	10,69369,78037	20	
	50	9,29768,43577	10,39669	9,99127,39057	42641	9,30641,04520	10,82310	10,69358,95480	10	
27	0	9,29778,83246	10,39407	9,99126,96416	42651	9,30651,86830	10,82058	10,69348,13170	0	33
	10	9,29789,22653	10,39151	9,99126,53765	42662	9,30662,68888	10,81813	10,69337,31112	50	
	20	9,29799,61804	10,38892	9,99126,11103	42673	9,30673,50701	10,81565	10,69326,49299	40	
	30	9,29810,00696	10,38633	9,99125,68430	42683	9,30684,32266	10,81316	10,69315,67734	30	
	40	9,29820,39329	10,38374	9,99125,25747	42694	9,30695,13582	10,81068	10,69304,86418	20	
	50	9,29830,77703	10,38115	9,99124,83053	42704	9,30705,94650	10,80819	10,69294,05350	10	
28	0	9,29841,15818	10,37858	9,99124,40349	42715	9,30716,75469	10,80573	10,69283,24531	0	32
	10	9,29851,53676	10,37598	9,99123,97634	42725	9,30727,56042	10,80323	10,69272,43958	50	
	20	9,29861,91274	10,37340	9,99123,54909	42736	9,30738,36365	10,80076	10,69261,63635	40	
	30	9,29872,28614	10,37085	9,99123,12173	42747	9,30749,16441	10,79832	10,69250,83559	30	
	40	9,29882,65699	10,36826	9,99122,69426	42758	9,30759,96273	10,79584	10,69240,03727	20	
	50	9,29893,02525	10,36566	9,99122,26668	42768	9,30770,75857	10,79334	10,69229,24143	10	
29	0	9,29903,39091	10,36309	9,99121,83900	42779	9,30781,55191	10,79088	10,69218,44809	0	31
	10	9,29913,75400	10,36052	9,99121,41121	42790	9,30792,34279	10,78842	10,69207,65721	50	
	20	9,29924,11452	10,35796	9,99120,98331	42800	9,30803,13121	10,78596	10,69196,86879	40	
	30	9,29934,47248	10,35538	9,99120,55531	42811	9,30813,91717	10,78349	10,69186,08283	30	
	40	9,29944,82786	10,35283	9,99120,12720	42821	9,30824,70066	10,78104	10,69175,29934	20	
	50	9,29955,18069	10,35023	9,99119,69899	42832	9,30835,48170	10,77855	10,69164,51830	10	
30	0	9,29965,53002	10,34768	9,99119,27067		9,30846,26025	10,77611	10,69153,73975	0	30
		Sin. Compl.		SINVVM	42843	Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,29965,53092	10,34768	9,99119,27067	42843	9,30846,26025	10,77611	10,69153,73975	0	30
	10	9,29975,87860		9,99118,84224		9,30857,03636		10,69142,96364	50	
	20	9,29986,22369	10,34509	9,99118,41371	42853	9,30867,80998	10,77362	10,69132,19002	40	
	30	9,29996,56624	10,34255	9,99117,98507	42864	9,30878,58117	10,77119	10,69121,41883	30	
	40	9,30006,90622	10,33998	9,99117,55633	42874	9,30889,34989	10,76872	10,69110,65011	20	
	50	9,30017,24362	10,33740	9,99117,12748	42885	9,30900,11614	10,76625	10,69099,88386	10	
31	0	9,30027,57848	10,33486	9,99116,69852	42896	9,30910,87996	10,76382	10,69089,12004	0	29
	10	9,30037,91078	10,33230	9,99116,26946	42906	9,30921,64132	10,76136	10,69078,35868	50	
	20	9,30048,24049	10,32971	9,99115,84029	42917	9,30932,40020	10,75888	10,69067,59980	40	
	30	9,30058,56768	10,32719	9,99115,41101	42928	9,30943,15667	10,75647	10,69056,84333	30	
	40	9,30068,89231	10,32463	9,99114,98163	42938	9,30953,91068	10,75401	10,69046,08932	20	
	50	9,30079,21435	10,32204	9,99114,55214	42949	9,30964,66221	10,75153	10,69035,33779	10	
32	0	9,30089,53385	10,31950	9,99114,12254	42960	9,30975,41131	10,74910	10,69024,58869	0	28
	10	9,30099,85079	10,31694	9,99113,69284	42970	9,30986,15795	10,74664	10,69013,84205	50	
	20	9,30110,16519	10,31440	9,99113,26303	42981	9,30996,90216	10,74421	10,69003,09784	40	
	30	9,30120,47705	10,31186	9,99112,83311	42992	9,31007,64394	10,74178	10,68992,35606	30	
	40	9,30130,78635	10,30930	9,99112,40309	43002	9,31018,38326	10,73932	10,68981,61674	20	
	50	9,30141,09311	10,30676	9,99111,97296	43013	9,31029,12015	10,73689	10,68970,87985	10	
33	0	9,30151,39730	10,30419	9,99111,54273	43023	9.31039,85457	10,73442	10,68960,14543	0	27
	10	9,30161,69896	10,30166	9,99111,11239	43034	9,31050,58657	10,73200	10,68949,41343	50	
	20	9,30171,99808	10,29912	9,99110,68194	43045	9,31061,31614	10,72957	10,68938,68386	40	
	30	9,30182,29463	10,29655	9,99110,25139	43055	9,31072,04324	10,72710	10,68927,95676	30	
	40	9,30192,58865	10,29402	9,99109,82073	43066	9,31082,76792	10,72468	10,68917,23208	20	
	50	9,30202,88013	10,29148	9,99109,38997	43076	9,31093,49016	10,72224	10,68906,50984	10	
34	0	9,30213,16907	10,28894	9,99108,95910	43087	9,31104,20997	10,71981	10,68895,79003	0	26
	10	9,30223,45549	10,28642	9,99108,52812	43098	9,31114,92737	10,71740	10,68885,07263	50	
	20	9,30233,73933	10,28384	9,99108,09704	43108	9,31125,64229	10,71492	10,68874,35771	40	
	30	9,30244,02066	10,28133	9,99107,66585	43119	9,31136,35481	10,71252	10,68863,64519	30	
	40	9,30254,29945	10,27879	9,99107,23455	43130	9,31147,06490	10,71009	10,68852,93510	20	
	50	9,30264,57570	10,27625	9,99106,80315	43140	9,31157,77255	10,70765	10,68842,22745	10	
35	0	9,30274,84944	10,27374	9,99106,37164	43151	9,31168,47780	10,70525	10,68831,52220	0	25
	10	9,30285,12064	10,27120	9,99105,94002	43162	9,31179,18062	10,70282	10,68820,81938	50	
	20	9,30295,38928	10,26864	9,99105,50830	43172	9,31189,88098	10,70036	10,68810,11902	40	
	30	9,30305,65542	10,26614	9,99105,07647	43183	9,31200,57895	10,69797	10,68799,42105	30	
	40	9,30315,91902	10,26360	9,99104,64454	43193	9,31211,27448	10,69553	10,68788,72552	20	
	50	9,30326,18009	10,26107	9,99104,21250	43204	9,31221,96759	10,69311	10,68778,03241	10	
36	0	9,30336,43866	10,25857	9,99103,78035	43215	9,31232,65831	10,69072	10,68767,34169	0	24
	10	9,30346,69470	10,25604	9,99103,34810	43225	9,31243,34660	10,68829	10,68756,65340	50	
	20	9,30356,94819	10,25349	9,99102,91574	43236	9,31254,03245	10,68585	10,68745,96755	40	
	30	9,30367,19916	10,25097	9,99102,48327	43247	9,31264,71589	10,68344	10,68735,28411	30	
	40	9,30377,44761	10,24845	9,99102,05070	43257	9,31275,39691	10,68102	10,68724,60309	20	
	50	9,30387,69354	10,24593	9,99101,61802	43268	9,31286,07552	10,67861	10,68713,92448	10	
37	0	9,30397,93698	10,24344	9,99101,18523	43279	9,31296,75175	10,67623	10,68703,24825	0	23
	10	9,30408,17788	10,24090	9,99100,75234	43289	9,31307,42554	10,67379	10,68692,57446	50	
	20	9,30418,41629	10,23841	9,99100,31934	43300	9,31318,09695	10,67141	10,68681,90305	40	
	30	9,30428,65216	10,23587	9,99099,88623	43311	9,31328,76593	10,66898	10,68671,23407	30	
	40	9,30438,88551	10,23335	9,99099,45302	43321	9,31339,43249	10,66656	10,68660,56751	20	
	50	9,30449,11635	10,23084	9,99099,01970	43332	9,31350,09665	10,66416	10,68649,90335	10	
38	0	9,30459,34470	10,22835	9,99098,58627	43343	9,31360,75843	10,66178	10,68639,24157	0	22
	10	9,30469,57053	10,22583	9,99098,15274	43353	9,31371,41779	10,65936	10,68628,58221	50	
	20	9,30479,79385	10,22332	9,99097,71910	43364	9,31382,07475	10,65696	10,68617,92525	40	
	30	9,30490,01464	10,22079	9,99097,28536	43374	9,31392,72928	10,65453	10,68607,27072	30	
	40	9,30500,23291	10,21827	9,99096,85151	43385	9,31403,38140	10,65212	10,68596,61860	20	
	50	9,30510,44871	10,21580	9,99096,41755	43396	9,31414,03116	10,64976	10,68585,96884	10	
39	0	9,30520,66202	10,21331	9,99095,98349	43406	9,31424,67853	10,64737	10,68575,32147	0	21
	10	9,30530,87281	10,21079	9,99095,54932	43417	9,31435,32349	10,64496	10,68564,67651	50	
	20	9,30541,08108	10,20827	9,99095,11504	43428	9,31445,96604	10,64255	10,68554,03396	40	
	30	9,30551,28687	10,20579	9,99094,68066	43438	9,31456,60621	10,64017	10,68543,39379	30	
	40	9,30561,49015	10,20328	9,99094,24617	43449	9,31467,24398	10,63777	10,68532,75602	20	
	50	9,30571,69095	10,20080	9,99093,81158	43459	9,31477,87937	10,63539	10,68522,12063	10	
40	0	9,30581,88923	10,19828	9,99093,37688	43470	9,31488,51235	10,63298	10,68511,48765	0	20
		Sin. Compl.	10,19579	SINVVM	43481	Tang. compl	10,63060	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,30581,88923		9,99093,37688		9,31488,51235		10,68511,48765	0	20
	10	9,30592,08502	10,19579	9,99092,94207	43481	9,31499,14295	10,63060	10,68500,85705	50	
	20	9,30602,27830	10,19328	9,99092,50716	43491	9,31509,77114	10,62819	10,68490,22886	40	
	30	9,30612,46911	10,19081	9,99092,07214	43502	9,31520,39697	10,62583	10,68479,60303	30	
	40	9,30622,65743	10,18832	9,99091,63701	43513	9,31531,02042	10,62345	10,68468,97958	20	
	50	9,30632,84325	10,18582	9,99091,20178	43523	9,31541,64147	10,62105	10,68458,35853	10	
41	0	9,30643,02656	10,18331	9,99090,76644	43534	9,31552,26012	10,61865	10,68447,73988	0	19
	10	9,30653,20740	10,18084	9,99090,33099	43545	9,31562,87641	10,61629	10,68437,12359	50	
	20	9,30663,38575	10,17835	9,99089,89544	43555	9,31573,49031	10,61390	10,68426,50969	40	
	30	9,30673,56160	10,17585	9,99089,45978	43566	9,31584,10182	10,61151	10,68415,89818	30	
	40	9,30683,73497	10,17337	9,99089,02401	43577	9,31594,71096	10,60914	10,68405,28904	20	
	50	9,30693,90588	10,17091	9,99088,58814	43587	9,31605,31774	10,60678	10,68394,68226	10	
42	0	9,30704,07429	10,16841	9,99088,15216	43598	9,31615,92213	10,60439	10,68384,07787	0	18
	10	9,30714,24020	10,16591	9,99087,71607	43609	9,31626,52413	10,60200	10,68373,47587	50	
	20	9,30724,40366	10,16346	9,99087,27988	43619	9,31637,12378	10,59965	10,68362,87622	40	
	30	9,30734,56463	10,16097	9,99086,84358	43630	9,31647,72105	10,59727	10,68352,27895	30	
	40	9,30744,72312	10,15849	9,99086,40718	43640	9,31658,31594	10,59489	10,68341,68406	20	
	50	9,30754,87912	10,15609	9,99085,97067	43651	9,31668,90845	10,59251	10,68331,09155	10	
43	0	9,30765,03266	10,15354	9,99085,53405	43662	9,31679,49861	10,59016	10,68320,50139	0	17
	10	9,30775,18371	10,15105	9,99085,09733	43672	9,31690,08638	10,58777	10,68309,91362	50	
	20	9,30785,33228	10,14857	9,99084,66050	43683	9,31700,67178	10,58540	10,68299,32822	40	
	30	9,30795,47840	10,14612	9,99084,22356	43694	9,31711,25484	10,58306	10,68288,74516	30	
	40	9,30805,62203	10,14363	9,99083,78652	43704	9,31721,83551	10,58067	10,68278,16449	20	
	50	9,30815,76320	10,14117	9,99083,34937	43715	9,31732,41383	10,57832	10,68267,58617	10	
44	0	9,30825,90190	10,13870	9,99082,91211	43726	9,31742,98979	10,57596	10,68257,01021	0	16
	10	9,30836,03813	10,13623	9,99082,47475	43736	9,31753,56338	10,57359	10,68246,43662	50	
	20	9,30846,17188	10,13375	9,99082,03728	43747	9,31764,13460	10,57122	10,68235,86540	40	
	30	9,30856,30318	10,13130	9,99081,59971	43757	9,31774,70347	10,56887	10,68225,29653	30	
	40	9,30866,43201	10,12883	9,99081,16203	43768	9,31785,26998	10,56651	10,68214,73002	20	
	50	9,30876,55838	10,12637	9,99080,72424	43779	9,31795,83414	10,56416	10,68204,16586	10	
45	0	9,30886,68228	10,12390	9,99080,28634	43790	9,31806,39594	10,56180	10,68193,60406	0	15
	10	9,30896,80372	10,12144	9,99079,84834	43800	9,31816,95538	10,55944	10,68183,04462	50	
	20	9,30906,92271	10,11899	9,99079,41023	43811	9,31827,51248	10,55710	10,68172,48752	40	
	30	9,30917,03923	10,11652	9,99078,97201	43822	9,31838,06722	10,55474	10,68161,93278	30	
	40	9,30927,15328	10,11405	9,99078,53369	43832	9,31848,61959	10,55237	10,68151,38041	20	
	50	9,30937,26491	10,11163	9,99078,09526	43843	9,31859,16965	10,55006	10,68140,83035	10	
46	0	9,30947,37406	10,10915	9,99077,65673	43853	9,31869,71733	10,54768	10,68130,28267	0	14
	10	9,30957,48076	10,10670	9,99077,21809	43864	9,31880,26267	10,54534	10,68119,73733	50	
	20	9,30967,58499	10,10423	9,99076,77934	43875	9,31890,80565	10,54298	10,68109,19435	40	
	30	9,30977,68679	10,10180	9,99076,34049	43885	9,31901,34630	10,54065	10,68098,65370	30	
	40	9,30987,78613	10,09934	9,99075,90153	43896	9,31911,88460	10,53830	10,68088,11540	20	
	50	9,30997,88302	10,09689	9,99075,46246	43907	9,31922,42056	10,53596	10,68077,57944	10	
47	0	9,31007,97746	10,09444	9,99075,02329	43917	9,31932,95417	10,53361	10,68067,04583	0	13
	10	9,31018,06944	10,09198	9,99074,58401	43928	9,31943,48543	10,53126	10,68056,51457	50	
	20	9,31028,15901	10,08957	9,99074,14462	43939	9,31954,01439	10,52896	10,68045,98561	40	
	30	9,31038,24611	10,08710	9,99073,70513	43949	9,31964,54098	10,52659	10,68035,45902	30	
	40	9,31048,33076	10,08465	9,99073,26553	43960	9,31975,06523	10,52425	10,68024,93477	20	
	50	9,31058,41298	10,08222	9,99072,82582	43971	9,31985,58716	10,52193	10,68014,41284	10	
48	0	9,31068,49275	10,07977	9,99072,38601	43981	9,31996,10674	10,51958	10,68003,89326	0	12
	10	9,31078,57008	10,07733	9,99071,94609	43992	9,32006,62399	10,51725	10,67993,37601	50	
	20	9,31088,64497	10,07489	9,99071,50606	44003	9,32017,13891	10,51492	10,67982,86109	40	
	30	9,31098,71742	10,07245	9,99071,06593	44013	9,32027,65149	10,51258	10,67972,34851	30	
	40	9,31108,78743	10,07001	9,99070,62569	44024	9,32038,16174	10,51025	10,67961,83826	20	
	50	9,31118,85501	10,06758	9,99070,18535	44034	9,32048,66966	10,50792	10,67951,33034	10	
49	0	9,31128,92016	10,06515	9,99069,74490	44045	9,32059,17526	10,50560	10,67940,82474	0	11
	10	9,31138,98287	10,06271	9,99069,30434	44056	9,32069,67853	10,50327	10,67930,32147	50	
	20	9,31149,04315	10,06028	9,99068,86368	44066	9,32080,17947	10,50094	10,67919,82053	40	
	30	9,31159,10098	10,05783	9,99068,42291	44077	9,32090,67807	10,49860	10,67909,32193	30	
	40	9,31169,15639	10,05541	9,99067,98203	44088	9,32101,17436	10,49629	10,67898,82564	20	
	50	9,31179,20938	10,05299	9,99067,54104	44099	9,32111,66834	10,49398	10,67888,33166	10	
50	0	9,31189,25994	10,05056	9,99067,09995	44109	9,32122,15999	10,49165	10,67877,84001	0	10
		Sin. Compl.	10,04814	SINVVM	44120	Tang.compl	10,48934	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,31189,25994	10,04814	9,99067,09995	44120	9,32122,15999	10,48934	10,67877,84001	0	10
	10	9,31199,30808	10,04571	9,99066,65875	44131	9,32132,64933	10,48702	10,67867,35067	50	
	20	9,31209,35379	10,04327	9,99066,21744	44141	9,32143,13635	10,48468	10,67856,86365	40	
	30	9,31219,39706	10,04085	9,99065,77603	44152	9,32153,62103	10,48237	10,67846,37897	30	
	40	9,31229,43791	10,03842	9,99065,33451	44162	9,32164,10340	10,48004	10,67835,89660	20	
	50	9,31239,47633	10,03602	9,99064,89289	44173	9,32174,58344	10,47775	10,67825,41656	10	
51	0	9,31249,51235	10,03358	9,99064,45116	44184	9,32185,06119	10,47542	10,67814,93881	0	9
	10	9,31259,54593	10,03116	9,99064,00932	44194	9,32195,53661	10,47310	10,67804,46339	50	
	20	9,31269,57709	10,02875	9,99063,56738	44205	9,32206,00971	10,47080	10,67793,99029	40	
	30	9,31279,60584	10,02633	9,99063,12533	44216	9,32216,48051	10,46849	10,67783,51949	30	
	40	9,31289,63217	10,02390	9,99062,68317	44226	9,32226,94900	10,40016	10,67773,05100	20	
	50	9,31299,65607	10,02151	9,99062,24091	44237	9,32237,41516	10,46388	10,67762,58484	10	
52	0	9,31309,67758	10,01908	9,99061,79854	44248	9,32247,87904	10,46156	10,67752,12096	0	8
	10	9,31319,69666	10,01668	9,99061,35606	44258	9,32258,34060	10,45926	10,67741,65940	50	
	20	9,31329,71334	10,01426	9,99060,91348	44269	9,32268,79986	10,45695	10,67731,20014	40	
	30	9,31339,72760	10,01185	9,99060,47079	44280	9,32279,25681	10,45465	10,67720,74319	30	
	40	9,31349,73945	10,00944	9,99060,02799	44290	9,32289,71146	10,45234	10,67710,28854	20	
	50	9,31359,74889	10,00704	9,99059,58509	44301	9,32300,16380	10,45005	10,67699,83620	10	
53	0	9,31369,75593	10,00463	9,99059,14208	44311	9,32310,61385	10,44774	10,67689,38615	0	7
	10	9,31379,76056	10,00220	9,99058,69897	44322	9,32321,06159	10,44542	10,67678,93841	50	
	20	9,31389,76276	9,99982	9,99058,25575	44333	9,32331,50701	10,44315	10,67668,49299	40	
	30	9,31399,76258	9,99741	9,99057,81242	44344	9,32341,95016	10,44085	10,67658,04984	30	
	40	9,31409,75999	9,99501	9,99057,36898	44354	9,32352,39101	10,43855	10,67647,60899	20	
	50	9,31419,75500	9,99260	9,99056,92544	44365	9,32362,82956	10,43625	10,67637,17044	10	
54	0	9,31429,74760	9,99021	9,99056,48179	44376	9,32373,26581	10,43397	10,67626,73419	0	6
	10	9,31439,73781	9,98779	9,99056,03803	44386	9,32383,69978	10,43165	10,67616,30022	50	
	20	9,31449,72560	9,98541	9,99055,59417	44397	9,32394,13143	10,42938	10,67605,86857	40	
	30	9,31459,71101	9,98303	9,99055,15020	44408	9,32404,56081	10,42711	10,67595,43919	30	
	40	9,31469,69404	9,98060	9,99054,70612	44418	9,32414,98792	10,42478	10,67585,01208	20	
	50	9,31479,67464	9,97821	9,99054,26194	44429	9,32425,41270	10,42250	10,67574,58730	10	
55	0	9,31489,65285	9,97581	9,99053,81765	44439	9,32435,83520	10,42020	10,67564,16480	0	5
	10	9,31499,62866	9,97343	9,99053,37326	44450	9,32446,25540	10,41793	10,67553,74460	50	
	20	9,31509,60209	9,97105	9,99052,92876	44461	9,32456,67333	10,41566	10,67543,32667	40	
	30	9,31519,57314	9,96866	9,99052,48415	44472	9,32467,08899	10,41338	10,67532,91101	30	
	40	9,31529,54180	9,96625	9,99052,03943	44482	9,32477,50237	10,41107	10,67522,49763	20	
	50	9,31539,50805	9,96387	9,99051,59461	44493	9,32487,91344	10,40880	10,67512,08656	10	
56	0	9,31549,47192	9,96149	9,99051,14968	44504	9,32498,32224	10,40653	10,67501,67776	0	4
	10	9,31559,43341	9,95910	9,99050,70464	44514	9,32508,72877	10,40424	10,67491,27123	50	
	20	9,31569,39251	9,95670	9,99050,25950	44525	9,32519,13301	10,40195	10,67480,86699	40	
	30	9,31579,34921	9,95432	9,99049,81425	44535	9,32529,53496	10,39967	10,67470,46504	30	
	40	9,31589,30353	9,95194	9,99049,36890	44546	9,32539,93463	10,39740	10,67460,06537	20	
	50	9,31599,25547	9,94956	9,99048,92344	44557	9,32550,33203	10,39513	10,67449,66797	10	
57	0	9,31609,20503	9,94718	9,99048,47787	44567	9,32560,72716	10,39285	10,67439,27284	0	3
	10	9,31619,15221	9,94478	9,99048,03220	44578	9,32571,12001	10,39056	10,67428,87999	50	
	20	9,31629,09699	9,94244	9,99047,58642	44589	9,32581,51057	10,38833	10,67418,48943	40	
	30	9,31639,03943	9,94006	9,99047,14053	44600	9,32591,89890	10,38606	10,67408,10110	30	
	40	9,31648,97949	9,93768	9,99046,69453	44610	9,32602,28496	10,38373	10,67397,71504	20	
	50	9,31658,91712	9,93530	9,99046,24843	44621	9,32612,66869	10,38151	10,67387,33131	10	
58	0	9,31668,85242	9,93291	9,99045,80222	44632	9,32623,05020	10,37923	10,67376,94980	0	2
	10	9,31678,78533	9,93053	9,99045,35590	44642	9,32633,42943	10,37695	10,67366,57057	50	
	20	9,31688,71586	9,92818	9,99044,90948	44653	9,32643,80638	10,37471	10,67356,19362	40	
	30	9,31698,64404	9,92582	9,99044,46295	44663	9,32654,18109	10,37245	10,67345,81891	30	
	40	9,31708,56986	9,92343	9,99044,01632	44674	9,32664,55354	10,37017	10,67335,44646	20	
	50	9,31718,49329	9,92105	9,99043,56958	44685	9,32674,92371	10,36790	10,67325,07629	10	
59	0	9,31728,41434	9,91870	9,99043,12273	44695	9,32685,29161	10,36567	10,67314,70839	0	1
	10	9,31738,33304	9,91632	9,99042,67578	44706	9,32695,65726	10,36338	10,67304,34274	50	
	20	9,31748,24936	9,91396	9,99042,22872	44717	9,32706,02064	10,36113	10,67293,97936	40	
	30	9,31758,16332	9,91161	9,99041,78155	44728	9,32716,38177	10,35889	10,67283,61823	30	
	40	9,31768,07493	9,90922	9,99041,33427	44738	9,32726,74066	10,35660	10,67273,25934	20	
	50	9,31777,98415	9,90687	9,99040,88689	44749	9,32737,09726	10,35436	10,67262,90274	10	
60	0	9,31787,89102		9,99040,43940		9,32747,45162		10,67252,54838	0	0
		Sin. Compl.	9,90451	SINVVM	44760	Tang.compl	10,35211	TANGEN.	S	M

M	S	SINVVM. Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ, communes.	Tang. compl. Logarithmi.		
0	0	9,31787,89102	9,90451	9,99040,43940	44760	9,32747,45162	10,35211	10,67252,54838	0	60
	10	9,31797,79553	9,90214	9,99039,99180	44770	9,32757,80373	10,34984	10,67242,19627	50	
	20	9,31807,69767	9,89979	9,99039,54410	44781	9,32768,15357	10,34760	10,67231,84643	40	
	30	9,31817,59746	9,89744	9,99039,09629	44792	9,32778,50117	10,34536	10,67221,49883	30	
	40	9,31827,49490	9,89506	9,99038,64837	44802	9,32788,84653	10,34308	10,67211,15347	20	
	50	9,31837,38996	9,89272	9,99038,20035	44813	9,32799,18961	10,34085	10,67200,81039	10	
1	0	9,31847,28268	9,89038	9,99037,75222	44824	9,32809,53046	10,33862	10,67190,46954	0	59
	10	9,31857,17306	9,88800	9,99037,30398	44834	9,32819,86908	10,33634	10,67180,13092	50	
	20	9,31867,06106	9,88565	9,99036,85564	44845	9,32830,20542	10,33410	10,67169,79458	40	
	30	9,31876,94671	9,88331	9,99036,40719	44855	9,32840,53952	10,33186	10,67159,46048	30	
	40	9,31886,83002	9,88096	9,99035,95864	44866	9,32850,87138	10,32962	10,67149,12862	20	
	50	9,31896,71098	9,87859	9,99035,50998	44877	9,32861,20100	10,32736	10,67138,79900	10	
2	0	9,31906,58957	9,87625	9,99035,06121	44887	9,32871,52836	10,32512	10,67128,47164	0	58
	10	9,31916,46582	9,87390	9,99034,61234	44898	9,32881,85348	10,32288	10,67118,14652	50	
	20	9,31926,33972	9,87157	9,99034,16336	44909	9,32892,17636	10,32066	10,67107,82364	40	
	30	9,31936,21129	9,86922	9,99033,71427	44920	9,32902,49702	10,31842	10,67097,50298	30	
	40	9,31946,08051	9,86686	9,99033,26507	44930	9,32912,81544	10,31616	10,67087,18456	20	
	50	9,31955,94737	9,86453	9,99032,81577	44941	9,32923,13160	10,31394	10,67076,86840	10	
3	0	9,31965,81190	9,86219	9,99032,36636	44952	9,32933,44554	10,31171	10,67066,55446	0	57
	10	9,31975,67409	9,85983	9,99031,91684	44962	9,32943,75725	10,30945	10,67056,24275	50	
	20	9,31985,53392	9,85751	9,99031,46722	44973	9,32954,06670	10,30724	10,67045,93330	40	
	30	9,31995,39143	9,85517	9,99031,01749	44984	9,32964,37394	10,30501	10,67035,62606	30	
	40	9,32005,24660	9,85282	9,99030,56765	44994	9,32974,67895	10,30276	10,67025,32105	20	
	50	9,32015,09942	9,85050	9,99030,11771	45005	9,32984,98171	10,30055	10,67015,01829	10	
4	0	9 32024,94992	9,84815	9,99029,66766	45016	9,32995,28226	10,29831	10,67004,71774	0	56
	10	9,32034,79807	9,84582	9,99029,21750	45026	9,33005,58057	10,29608	10,66994,41943	50	
	20	9,32044,64389	9,84349	9,99028,76724	45037	9,33015,87665	10,29386	10,66984,12335	40	
	30	9,32054,48738	9,84115	9,99028,31687	45048	9,33026,17051	10,29163	10,66973,82949	30	
	40	9,32064,32853	9,83882	9,99027,86639	45058	9,33036,46214	10,28940	10,66963,53786	20	
	50	9,32074,16735	9,83650	9,99027,41581	45069	9,33046,75154	10,28719	10,66953,24846	10	
5	0	9,32084,00385	9,83417	9,99026,96512	45080	9,33057,03873	10,28497	10,66942,96127	0	55
	10	9,32093,83802	9,83183	9,99026,51432	45090	9,33067,32370	10,28273	10,66932,67630	50	
	20	9,32103,66985	9,82950	9,99026,06342	45101	9,33077,60643	10,28051	10,66922,39357	40	
	30	9,32113,49935	9,82718	9,99025,61241	45112	9,33087,88694	10,27830	10,66912,11306	30	
	40	9,32123,32653	9,82486	9,99025,16129	45122	9,33098,16524	10,27608	10,66901,83476	20	
	50	9,32133,15139	9,82253	9,99024,71007	45133	9,33108,44132	10,27385	10,66891,55868	10	
6	0	9,32142,97392	9,82021	9,99024,25874	45144	9,33118,71517	10,27166	10,66881,28483	0	54
	10	9,32152,79413	9,81788	9,99023,80730	45154	9,33128,98683	10,26942	10,66871,01317	50	
	20	9,32162,61201	9,81556	9,99023,35576	45165	9,33139,25625	10,26721	10,66860,74375	40	
	30	9,32172,42757	9,81324	9,99022,90411	45176	9,33149,52346	10,26500	10,66850,47654	30	
	40	9,32182,24081	9,81094	9,99022,45235	45187	9,33159,78846	10,26281	10,65840,21154	20	
	50	9,32192,05175	9,80861	9,99022,00048	45197	9,33170,05127	10,26058	10,66829,94873	10	
7	0	9,32201,86036	9,80629	9,99021,54851	45208	9,33180,31185	10,25837	10,66819,68815	0	53
	10	9,32211,66665	9,80398	9,99021,09643	45219	9,33190,57022	10,25617	10,66809,42978	50	
	20	9,32221,47063	9,80166	9,99020,64424	45229	9,33200,82639	10,25395	10,66799,17361	40	
	30	9,32231,27229	9,79934	9,99020,19195	45240	9,33211,08034	10,25174	10,66788,91966	30	
	40	9,32241,07163	9,79704	9,99019,73955	45250	9,33221,33208	10,24954	10,66778,66792	20	
	50	9,32250,86867	9,79471	9,99019,28705	45261	9,33231,58162	10,24732	10,66768,41838	10	
8	0	9,32260,66338	9,79241	9,99018,83444	45272	9,33241,82894	10,24513	10,66758,17106	0	52
	10	9,32270,45579	9,79009	9,99018,38172	45282	9,33252,07407	10,24291	10,66747,92593	50	
	20	9,32280,24588	9,78780	9,99017,92890	45293	9,33262,31698	10,24073	10,66737,68302	40	
	30	9,32290,03368	9,78549	9,99017,47597	45304	9,33272,55771	10,23853	10,66727,44229	30	
	40	9,32299,81917	9,78318	9,99017,02293	45315	9,33282,79624	10,23633	10,66717,20376	20	
	50	9,32309,60235	9,78087	9,99016,56978	45325	9,33293,03257	10,23412	10,66706,96743	10	
9	0	9,32319,38322	9,77856	9,99016,11653	45336	9,33303,26669	10,23192	10,66696,73331	0	51
	10	9,32329,16178	9,77627	9,99015,66317	45347	9,33313,49861	10,22974	10,66686,50139	50	
	20	9,32338,93805	9,77397	9,99015,20970	45357	9,33323,72835	10,22754	10,66676,27165	40	
	30	9,32348,71202	9,77167	9,99014,75613	45368	9,33333,95589	10,22535	10,66666,04411	30	
	40	9,32358,48369	9,76936	9,99014,30245	45379	9,33344,18124	10,22315	10,66655,81876	20	
	50	9,32368,25305	9,76708	9,99013,84866	45390	9,33354,40439	10,22098	10,66645,59561	10	
10	0	9,32378,02013	9,76477	9,99013,39476	45400	9,33364,62537	10,21877	10,66635,37463	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	9,32378,02013	9,76477	9,99013,39476	45400	9,33364,62537	10,21877	10,66635,37463	0	50
	10	9,32387,78490	9,76247	9,99012,94076	45411	9,33374,84414	10,21658	10,66625,15586	50	
	20	9,32397,54737	9,75017	9,99012,48665	45422	9,33385,06072	10,21439	10,66614,93928	40	
	30	9,32407,30754	9,75787	9,99012,03243	45432	9,33395,27511	10,21219	10,66604,72489	30	
	40	9,32417,06541	9,75559	9,99011,57811	45443	9,33405,48730	10,21002	10,66594,51270	20	
	50	9,32426,82100	9,75329	9,99011,12368	45453	9,33415,69732	10,20782	10,66584,30268	10	
11	0	9,32436,57429	9,75099	9,99010,66915	45464	9,33425,90514	10,20563	10,66574,09486	0	49
	10	9,32446,32528	9,74871	9,99010,21451	45475	9,33436,11077	10,20346	10,66563,88923	50	
	20	9,32456,07399	9,74642	9,99009,75976	45485	9,33446,31423	10,20127	10,66553,68577	40	
	30	9,32465,82041	9,74412	9,99009,30491	45496	9,33456,51550	10,19908	10,66543.48450	30	
	40	9,32475,56453	9,74184	9,99008,84995	45507	9,33466,71458	10,19691	10,66533,28542	20	
	50	9,32485,30637	9,73957	9,99008,39488	45518	9,33476,91149	10,19475	10,66523,08851	10	
12	0	9,32495,04594	9,73727	9.99007,93970	45528	9,33487,10624	10,19255	10,66512,89376	0	48
	10	9,32504,78321	9,73498	9,99007,48442	45539	9,33497,29879	10,19037	10,66502,70121	50	
	20	9,32514,51819	9,73270	9,99007,02903	45550	9,33507,48916	10,18820	10,66492,51084	40	
	30	9,32524,25089	9,73042	9,99006,57353	45560	9,33517,67736	10,18602	10,66482,32264	30	
	40	9,32533,98131	9,72813	9,99006,11793	45571	9,33527,86338	10,18384	10,66472,13662	20	
	50	9,32543,70944	9,72586	9,99005,66222	45582	9,33538,04722	10,18168	10,66461,95278	10	
13	0	9,32553,43530	9,72357	9,99005,20640	45592	9,33548,22890	10,17949	10,66451,77110	0	47
	10	9,32563,15887	9,72128	9,99004,75048	45603	9,33558,40839	10,17731	10,66441,59161	50	
	20	9,32572,88015	9,71902	9,99004,29445	45614	9,33568,58570	10,17516	10,66431,41430	40	
	30	9,32582,59917	9,71674	9,99003,83831	45624	9,33578,76086	10,17298	10,66421,23914	30	
	40	9.32592,31591	9,71448	9,99003,38207	45635	9,33588,93384	10,17083	10,66411,06616	20	
	50	9,32602,03039	9,71219	9,99002,92572	45646	9,33599,10467	10,16865	10,66400,89533	10	
14	0	9,32611,74258	9,70992	9,99002,46926	45657	9,33609,27332	10,16649	10,66390,72668	0	46
	10	9,32621,45250	9,70765	9,99002,01269	45667	9,33619,43981	10,16432	10,66380,56019	50	
	20	9,32631,16015	9,70537	9,99001,55602	45678	9,33629,60413	10,16215	10,66370,39587	40	
	30	9,32640,86552	9,70309	9,99001,09924	45689	9,33639,76628	10,15998	10,66360,23372	30	
	40	9,32650,56861	9,70084	9,99000,64235	45699	9,33649,92626	10,15783	10,66350,07374	20	
	50	9,32660,26945	9,69858	9,99000,18536	45710	9,33660,08409	10,15568	10,66339,91591	10	
15	0	9,32669,96803	9,69630	9,98999,72826	45721	9,33670,23977	10,15351	10,66329,76023	0	45
	10	9,32679,66433	9,69404	9,98999,27105	45731	9,33680,39328	10,15135	10,66319,60672	50	
	20	9,32689,35837	9,69176	9,98998,81374	45742	9,33690,54463	10,14918	10,66309,45537	40	
	30	9,32699,05013	9,68950	9,98998,35632	45753	9,33700,69381	10,14703	10,66299,30619	30	
	40	9,32708,73963	9,68724	9,98997,89879	45763	9,33710,84084	10,14487	10,66289,15916	20	
	50	9,32718,42687	9,68498	9,98997,44116	45774	9,33720,98571	10,14272	10,66279,01429	10	
16	0	9,32728,11185	9,68270	9,98996,98342	45785	9,33731,12843	10,14055	10,66268,87157	0	44
	10	9,32737,79455	9,68045	9,98996,52557	45795	9,33741,26898	10,13840	10,66258,73102	50	
	20	9,32747,47500	9,67820	9,98996,06762	45806	9,33751,40738	10,13626	10,66248,59262	40	
	30	9,32757,15320	9,67594	9,98995,60956	45817	9,33761,54364	10,13411	10,66238,45636	30	
	40	9,32766,82914	9,67369	9,98995,15139	45828	9,33771,67775	10,13197	10,66228,32225	20	
	50	9,32776,50283	9,67143	9,98994,69311	45838	9,33781,80972	10,12981	10,66218,19028	10	
17	0	9,32786,17426	9,66916	9,98994,23473	45849	9,33791,93953	10,12765	10,66208,06047	0	43
	10	9,32795,84342	9,66692	9,98993,77624	45860	9,33802,06718	10,12552	10,66197,93282	50	
	20	9,32805,51034	9,66467	9,98993,31764	45870	9,33812,19270	10,12337	10,66187,80730	40	
	30	9,32815,17501	9,66241	9,98992,85894	45881	9,33822,31607	10,12122	10,66177,68393	30	
	40	9,32824,83742	9,66016	9,98992,40013	45892	9,33832,43729	10,11908	10,66167,56271	20	
	50	9,32834,49758	9,65790	9,98991,94121	45902	9,33842,55637	10,11692	10,66157,44363	10	
18	0	9,32844,15548	9,65566	9,98991,48219	45913	9,33852,67329	10,11479	10,66147,32671	0	42
	10	9,32853,81114	9,65341	9,98991,02306	45924	9,33862,78808	10,11265	10,66137,21192	50	
	20	9,32863,46455	9,65116	9,98990,56382	45934	9,33872,90073	10,11050	10,66127,09927	40	
	30	9,32873,11571	9,64892	9,98990,10448	45945	9,33883,01123	10,10837	10,66116,98877	30	
	40	9,32882,76463	9,64666	9,98989,64503	45956	9,33893,11960	10,10622	10,66106,88040	20	
	50	9,32892,41129	9,64442	9,98989,18547	45967	9,33903,22582	10,10410	10,66096,77418	10	
19	0	9,32902,05571	9,64218	9,98988,72580	45977	9,33913,32992	10,10194	10,66086,67008	0	41
	10	9,32911,69789	9,63995	9,98988,26603	45988	9,33923,43186	10,09983	10,66076,56814	50	
	20	9,32921,33784	9,63771	9,98987,80615	45999	9,33933,53169	10,09770	10,66066,46831	40	
	30	9,32930,97555	9,63546	9,98987,34616	46009	9,33943,62939	10,09555	10,66056,37061	30	
	40	9,32940,61101	9,63322	9,98986,88607	46020	9,33953,72494	10,09342	10,66046,27506	20	
	50	9,32950,24423	9,63098	9,98986,42587	46031	9,33963,81836	10,09129	10,66036,18164	10	
20	0	9,32959,87521	9,62873	9,98985,96556	46041	9,33973,90965	10,08914	10,66026,09035	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,32959,87521	9,62873	9,98985,96556	46041	9,33973,90965	10,08914	10,66026,09035	0	40
	10	9,32969,50394	9,62652	9,98985,50515	46052	9,33983,99879	10,08704	10,66016,00121	50	
	20	9,32979,13046	9,62427	9,98985,04463	46063	9,33994,08583	10,08490	10,66005,91417	40	
	30	9,32988,75473	9,62203	9,98984,58400	46074	9,34004,17073	10,08277	10,65995,82927	30	
	40	9,32998,37676	9,61980	9,98984,12326	46084	9,34014,25350	10,08064	10,65985,74650	20	
	50	9,33007,99656	9,61759	9,98983,66242	46095	9,34024,33414	10,07854	10,65975,66586	10	
21	0	9,33017,61415	9,61535	9,98983,20147	46106	9,34034,41268	10,07641	10,65965,58732	0	39
	10	9,33027,22950	9,61310	9,98982,74041	46116	9,34044,48909	10,07426	10,65955,51091	50	
	20	9,33036,84260	9,61089	9,98982,27925	46127	9,34054,56335	10,07216	10,65945,43665	40	
	30	9,33046,45349	9,60865	9,98981,81798	46138	9,34064,63551	10,07003	10,65935,36449	30	
	40	9,33056,06214	9,60642	9,98981,35660	46148	9,34074,70554	10,06790	10,65925,29446	20	
	50	9,33065,66856	9,60419	9,98980,89512	46159	9,34084,77344	10,06578	10,65915,22656	10	
22	0	9,33075,27275	9,60198	9,98980,43353	46170	9,34094,83922	10,06368	10,65905,16078	0	38
	10	9,33084,87473	9,59975	9,98979,97183	46180	9,34104,90290	10,06155	10,65895,09710	50	
	20	9,33094,47448	9,59751	9,98979,51003	46191	9,34114,96445	10,05942	10,65885,03555	40	
	30	9,33104,07199	9,59530	9,98979,04812	46202	9,34125,02387	10,05732	10,65874,97613	30	
	40	9,33113,66729	9,59308	9,98978,58610	46213	9,34135,08119	10,05521	10,65864,91881	20	
	50	9,33123,26037	9,59087	9,98978,12397	46223	9,34145,13640	10,05310	10,65854,86360	10	
23	0	9,33132,85124	9,58865	9,98977,66174	46235	9,34155,18950	10,05100	10,65844,81050	0	37
	10	9,33142,43989	9,58641	9,98977,19939	46245	9,34165,24050	10,04886	10,65834,75950	50	
	20	9,33152,02630	9,58421	9,98976,73694	46255	9,34175,28936	10,04676	10,65824,71064	40	
	30	9,33161,61051	9,58199	9,98976,27439	46266	9,34185,33612	10,04465	10,65814,66388	30	
	40	9,33171,19250	9,57977	9,98975,81173	46277	9,34195,38077	10,04254	10,65804,61923	20	
	50	9,33180,77227	9,57756	9,98975,34896	46287	9,34205,42331	10,04043	10,65794,57669	10	
24	0	9,33190,34983	9,57534	9,98974,88609	46298	9,34215,46374	10,03832	10,65784,53626	0	36
	10	9,33199,92517	9,57312	9,98974,42311	46309	9,34225,50206	10,03621	10,65774,49794	50	
	20	9,33209,49829	9,57092	9,98973,96002	46319	9,34235,53827	10,03411	10,65764,46173	40	
	30	9,33219,06921	9,56872	9,98973,49683	46330	9,34245,57238	10,03202	10,65754,42762	30	
	40	9,33228,63793	9,56648	9,98973,03353	46341	9,34255,60440	10,02989	10,65744,39560	20	
	50	9,33238,20441	9,56430	9,98972,57012	46352	9,34265,63429	10,02782	10,65734,36571	10	
25	0	9,33247,76871	9,56208	9,98972,10660	46362	9,34275,66211	10,02570	10,65724,33789	0	35
	10	9,33257,33079	9,55988	9,98971,64298	46373	9,34285,68781	10,02361	10,65714,31219	50	
	20	9,33266,89067	9,55766	9,98971,17925	46384	9,34295,71142	10,02150	10,65704,28858	40	
	30	9,33276,44833	9,55544	9,98970,71541	46395	9,34305,73292	10,01939	10,65694,26708	30	
	40	9,33286,00377	9,55326	9,98970,25146	46405	9,34315,75231	10,01731	10,65684,24769	20	
	50	9,33295,55703	9,55108	9,98969,78741	46416	9,34325,76962	10,01524	10,65674,23038	10	
26	0	9,33305,10811	9,54886	9,98969,32325	46427	9,34335,78486	10,01313	10,65664,21514	0	34
	10	9,33314,65697	9,54666	9,98968,85898	46438	9,34345,79799	10,01104	10,65654,20201	50	
	20	9,33324,20363	9,54445	9,98968,39460	46448	9,34355,80903	10,00893	10,65644,19097	40	
	30	9,33333,74808	9,54226	9,98967,93012	46459	9,34365,81796	10,00685	10,65634,18204	30	
	40	9,33343,29034	9,54004	9,98967,46553	46469	9,34375,82481	10,00473	10,65624,17519	20	
	50	9,33352,83038	9,53786	9,98967,00084	46480	9,34385,82954	10,00266	10,65614,17046	10	
27	0	9,33362,36824	9,53567	9,98966,53604	46491	9,34395,83220	10,00058	10,65604,16780	0	33
	10	9,33371,90391	9,53345	9,98966,07113	46501	9,34405,83278	9,99846	10,65594,16722	50	
	20	9,33381,43736	9,53126	9,98965,60612	46512	9,34415,83124	9,99638	10,65584,16876	40	
	30	9,33390,96862	9,52910	9,98965,14100	46523	9,34425,82762	9,99433	10,65574,17238	30	
	40	9,33400,49772	9,52688	9,98964,67577	46534	9,34435,82195	9,99222	10,65564,17805	20	
	50	9,33410,02460	9,52469	9,98964,21043	46544	9,34445,81417	9,99013	10,65554,18583	10	
28	0	9,33419,54929	9,52251	9,98963,74499	46555	9,34455,80430	9,98806	10,65544,19570	0	32
	10	9,33429,07180	9,52032	9,98963,27944	46566	9,34465,79236	9,98598	10,65534,20764	50	
	20	9,33438,59212	9,51813	9,98962,81378	46576	9,34475,77834	9,98389	10,65524,22166	40	
	30	9,33448,11025	9,51594	9,98962,34802	46587	9,34485,76223	9,98181	10,65514,23777	30	
	40	9,33457,62619	9,51374	9,98961,88215	46598	9,34495,74404	9,97972	10,65504,25596	20	
	50	9,33467,13993	9,51157	9,98961,41617	46609	9,34505,72376	9,97766	10,65494,27624	10	
29	0	9,33476,65150	9,50938	9,98960,95008	46619	9,34515,70142	9,97557	10,65484,29858	0	31
	10	9,33486,16088	9,50719	9,98960,48389	46630	9,34525,67699	9,97349	10,65474,32301	50	
	20	9,33495,66807	9,50502	9,98960,01759	46641	9,34535,65048	9,97143	10,65464,34952	40	
	30	9,33505,17309	9,50283	9,98959,55118	46652	9,34545,62191	9,96935	10,65454,37809	30	
	40	9,33514,67592	9,50066	9,98959,08466	46662	9,34555,59126	9,96728	10,65444,40874	20	
	50	9,33524,17658	9,49847	9,98958,61804	46673	9,34565,55854	9,96520	10,65434,44146	10	
30	0	9,33533,67505	9,49629	9,98958,15131	46684	9,34575,52374	9,96313	10,65424,47626	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
30	0	9,33533,67505	9,49629	9,98958,15131	46684	9,34575,52374	9,96313	10,65424,47626	0	30
	10	9,33543,17134	9,49412	9,98957,68447	46694	9,34585,48687	9,96106	10,65414,51313	50	
	20	9,33552,66546	9,49195	9,98957,21753	46705	9,34595,44793	9,95900	10,65404,55207	40	
	30	9,33562,15741	9,48977	9,98956,75048	46716	9,34605,40693	9,95693	10,65394,59307	30	
	40	9,33571,64718	9,48757	9,98956,28332	46726	9,34615,36386	9,95483	10,65384,63614	20	
	50	9,33581,13475	9,48541	9,98955,81606	46737	9,34625,31869	9,95278	10,65374,68131	10	
31	0	9,33590,62016	9,48323	9,98955,34869	46748	9,34635,27147	9,95071	10,65364,72853	0	29
	10	9,33600,10339	9,48108	9,98954,88121	46759	9,34645,22218	9,94867	10,65354,77782	50	
	20	9,33609,58447	9,47889	9,98954,41362	46769	9,34655,17085	9,94658	10,65344,82915	40	
	30	9,33619,06336	9,47673	9,98953,94593	46780	9,34665,11743	9,94453	10,65334,88257	30	
	40	9,33628,54009	9,47457	9,98953,47813	46791	9,34675,06196	9,94248	10,65324,93804	20	
	50	9,33638,01466	9,47238	9,98953,01022	46801	9,34685,00444	9,94039	10,65314,99556	10	
32	0	9,33647,48704	9,47022	9,98952,54221	46812	9,34694,94483	9,93834	10,65305,05517	0	28
	10	9,33656,95726	9,46805	9,98952,07409	46823	9,34704,88317	9,93628	10,65295,11683	50	
	20	9,33666,42531	9,46588	9,98951,60586	46833	9,34714,81945	9,93421	10,65285,18055	40	
	30	9,33675,89119	9,46372	9,98951,13753	46844	9,34724,75366	9,93216	10,65275,24634	30	
	40	9,33685,35491	9,46155	9,98950,66909	46855	9,34734,68582	9,93010	10,65265,31418	20	
	50	9,33694,81646	9,45941	9,98950,20054	46866	9,34744,61592	9,92807	10,65255,38408	10	
33	0	9,33704,27587	9,45724	9,98949,73188	46876	9,34754,54399	9,92600	10,65245,45601	0	27
	10	9,33713,73311	9,45505	9,98949,26312	46887	9,34764,46999	9,92392	10,65235,53001	50	
	20	9,33723,18816	9,45292	9,98948,79425	46898	9,34774,39391	9,92190	10,65225,60699	40	
	30	9,33732,64108	9,45076	9,98948,32527	46909	9,34784,31581	9,91983	10,65215,68419	30	
	40	9,33742,09182	9,44860	9,98947,85618	46919	9,34794,23564	9,91779	10,65205,76436	20	
	50	9,33751,54042	9,44444	9,98947,38699	46930	9,34804,15343	9,91574	10,65195,84657	10	
34	0	9,33760,98686	9,44430	9,98946,91769	46941	9,34814,06917	9,91371	10,65185,93083	0	26
	10	9,33770,43116	9,44211	9,98946,44828	46951	9,34823,98288	9,91162	10,65176,01712	50	
	20	9,33779,87327	9,43996	9,98945,97877	46962	9,34833,89450	9,90958	10,65166,10550	40	
	30	9,33789,31323	9,43782	9,98945,50915	46973	9,34843,80408	9,90755	10,65156,19592	30	
	40	9,33798,75105	9,43568	9,98945,03942	46984	9,34853,71163	9,90552	10,65146,28837	20	
	50	9,33808,18673	9,43351	9,98944,56958	46994	9,34863,61715	9,90345	10,65136,38285	10	
35	0	9,33817,62024	9,43137	9,98944,09964	47005	9,34873,52060	9,90142	10,65126,47940	0	25
	10	9,33827,05161	9,42922	9,98943,62959	47016	9,34883,42202	9,89938	10,65116,57798	50	
	20	9,33836,48083	9,42705	9,98943,15943	47026	9,34893,32140	9,89731	10,65106,67860	40	
	30	9,33845,90788	9,42491	9,98942,68917	47037	9,34903,21871	9,89528	10,65096,78129	30	
	40	9,33855,33279	9,42277	9,98942,21880	47048	9,34913,11399	9,89325	10,65086,88601	20	
	50	9,33864,75556	9,42064	9,98941,74832	47059	9,34923,00724	9,89123	10,65076,99276	10	
36	0	9,33874,17620	9,41849	9,98941,27773	47069	9,34932,89847	9,88918	10,65067,10153	0	24
	10	9,33883,59469	9,41633	9,98940,80704	47080	9,34942,78765	9,88713	10,65057,21235	50	
	20	9,33893,01102	9,41419	9,98940,33624	47091	9,34952,67478	9,88510	10,65047,32522	40	
	30	9,33902,42521	9,41207	9,98939,86533	47102	9,34962,55988	9,88309	10,65037,44012	30	
	40	9,33911,83728	9,40989	9,98939,39431	47112	9,34972,44297	9,88101	10,65027,55703	20	
	50	9,33921,24717	9,40776	9,98938,92319	47123	9,34982,32398	9,87899	10,65017,67602	10	
37	0	9,33930,65493	9,40563	9,98938,45196	47134	9,34992,20297	9,87697	10,65007,79703	0	23
	10	9,33940,06056	9,40349	9,98937,98062	47144	9,35002,07994	9,87493	10,64997,92006	50	
	20	9,33949,46405	9,40135	9,98937,50918	47155	9,35011,95487	9,87290	10,64988,04513	40	
	30	9,33958,86540	9,39922	9,98937,03763	47166	9,35021,82777	9,87088	10,64978,17223	30	
	40	9,33968,26462	9,39707	9,98936,56597	47176	9,35031,69865	9,86883	10,64968,30135	20	
	50	9,33977,66169	9,39494	9,98936,09421	47187	9,35041,56748	9,86681	10,64958,43252	10	
38	0	9,33987,05663	9,39280	9,98935,62234	47198	9,35051,43429	9,86478	10,64948,56571	0	22
	10	9,33996,44943	9,39068	9,98935,15036	47209	9,35061,29907	9,86277	10,64938,70093	50	
	20	9,34005,84011	9,38855	9,98934,67827	47219	9,35071,16184	9,86074	10,64928,83816	40	
	30	9,34015,22866	9,38642	9,98934,20608	47230	9,35081,02258	9,85872	10,64918,97742	30	
	40	9,34024,61508	9,38428	9,98933,73378	47241	9,35090,88130	9,85669	10,64909,11870	20	
	50	9,34033,99936	9,38215	9,98933,26137	47251	9,35100,73799	9,85466	10,64899,26201	10	
39	0	9,34043,38151	9,38003	9,98932,78886	47262	9,35110,59265	9,85265	10,64889,40735	0	21
	10	9,34052,76154	9,37789	9,98932,31624	47273	9,35120,44530	9,85062	10,64879,55470	50	
	20	9,34062,13943	9,37578	9,98931,84351	47284	9,35130,29592	9,84862	10,64869,70408	40	
	30	9,34071,51521	9,37364	9,98931,37067	47294	9,35140,14454	9,84658	10,64859,85546	30	
	40	9,34080,88885	9,37151	9,98930,89773	47305	9,35149,99112	9,84456	10,64850,00888	20	
	50	9,34090,26036	9,36940	9,98930,42468	47316	9,35159,83568	9,84256	10,64840,16432	10	
40	0	9,34099,62976	9,36728	9,98929,95152	47327	9,35169,67824	9,84055	10,64830,32176	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,34099,62976	9,36728	9,98929,95152	47327	9,35169,67824	9,84055	10,64830,32176	0	20
	10	9,34108,99704	9,36514	9,98929,47825	47338	9,35179,51879	9,83852	10,64820,48121	50	
	20	9,34118,36218	9,36304	9,98929,00487	47348	9,35189,35731	9,83652	10,64810,64269	40	
	30	9,34127,72522	9,36092	9,98928,53139	47359	9,35199,19383	9,83451	10,64800,80617	30	
	40	9,34137,08614	9,35879	9,98928,05780	47369	9,35209,02834	9,83248	10,64790,97166	20	
	50	9,34146,44493	9,35666	9,98927,58411	47380	9,35218,86082	9,83046	10,64781,13918	10	
41	0	9,34155,80159	9,35455	9,98927,11031	47391	9,35228,69128	9,82846	10,64771,30872	0	19
	10	9,34165,15614	9,35243	9,98926,63640	47401	9,35238,51974	9,82644	10,64761,48026	50	
	20	9,34174,50857	9,35033	9,98926,16239	47412	9,35248,34618	9,82445	10,64751,65382	40	
	30	9,34183,85890	9,34822	9,98925,68827	47423	9,35258,17063	9,82245	10,64741,82937	30	
	40	9,34193,20712	9,34609	9,98925,21404	47434	9,35267,99308	9,82043	10,64732,00692	20	
	50	9,34202,55321	9,34398	9,98924,73970	47445	9,35277,81351	9,81843	10,64722,18649	10	
42	0	9,34211,89719	9,34187	9,98924,26525	47455	9,35287,63194	9,81642	10,64712,36806	0	18
	10	9,34221,23906	9,33975	9,98923,79070	47466	9,35297,44836	9,81441	10,64702,55164	50	
	20	9,34230,57881	9,33765	9,98923,31604	47477	9,35307,26277	9,81242	10,64692,73723	40	
	30	9,34239,91646	9,33555	9,98922,84127	47488	9,35317,07519	9,81043	10,64682,92481	30	
	40	9,34249,25201	9,33342	9,98922,36639	47498	9,35326,88562	9,80840	10,64673,11438	20	
	50	9,34258,58543	9,33132	9,98921,89141	47509	9,35336,69402	9,80641	10,64663,30598	10	
43	0	9,34267,91675	9,32922	9,98921,41632	47520	9,35346,50043	9,80442	10,64653,49957	0	17
	10	9,34277,24597	9,32710	9,98920,94112	47530	9,35356,30485	9,80240	10,64643,69515	50	
	20	9,34286,57307	9,32502	9,98920,46582	47541	9,35366,10725	9,80043	10,64633,89275	40	
	30	9,34295,89809	9,32291	9,98919,99041	47552	9,35375,90768	9,79843	10,64624,09232	30	
	40	9,34305,22100	9,32079	9,98919,51489	47563	9,35385,70611	9,79642	10,64614,29389	20	
	50	9,34314,54179	9,31869	9,98919,03926	47573	9,35395,50253	9,79442	10,64604,49747	10	
44	0	9,34323,86048	9,31658	9,98918,56353	47584	9,35405,29695	9,79242	10,64594,70305	0	16
	10	9,34333,17706	9,31451	9,98918,08769	47595	9,35415,08937	9,79046	10,64584,91063	50	
	20	9,34342,49157	9,31240	9,98917,61174	47605	9,35424,87983	9,78845	10,64575,12017	40	
	30	9,34351,80397	9,31030	9,98917,13569	47616	9,35434,66828	9,78646	10,64565,33172	30	
	40	9,34361,11427	9,30821	9,98916,65953	47627	9,35444,45474	9,78448	10,64555,54526	20	
	50	9,34370,42248	9,30609	9,98916,18326	47638	9,35454,23922	9,78247	10,64545,76078	10	
45	0	9,34379,72857	9,30401	9,98915,70688	47648	9,35464,02169	9,78049	10,64535,97831	0	15
	10	9,34389,03258	9,30191	9,98915,23040	47659	9,35473,80218	9,77850	10,64526,19782	50	
	20	9,34398,33449	9,29982	9,98914,75381	47670	9,35483,58068	9,77652	10,64516,41932	40	
	30	9,34407,63431	9,29773	9,98914,27711	47681	9,35493,35720	9,77454	10,64506,64280	30	
	40	9,34416,93204	9,29563	9,98913,80030	47691	9,35503,13174	9,77254	10,64496,86826	20	
	50	9,34426,22767	9,29354	9,98913,32339	47702	9,35512,90428	9,77056	10,64487,09572	10	
46	0	9,34435,52121	9,29146	9,98912,84637	47713	9,35522,67484	9,76859	10,64477,32516	0	14
	10	9,34444,81267	9,28937	9,98912,36924	47724	9,35532,44343	9,76661	10,64467,55657	50	
	20	9,34454,10204	9,28726	9,98911,89200	47734	9,35542,21004	9,76460	10,64457,78996	40	
	30	9,34463,38930	9,28518	9,98911,41466	47745	9,35551,97464	9,76263	10,64448,02536	30	
	40	9,34472,67448	9,28312	9,98910,93721	47756	9,35561,73727	9,76068	10,64438,26273	20	
	50	9,34481,95760	9,28101	9,98910,45965	47766	9,35571,49795	9,75867	10,64428,50205	10	
47	0	9,34491,23861	9,27892	9,98909,98199	47777	9,35581,25662	9,75669	10,64418,74338	0	13
	10	9,34500,51753	9,27683	9,98909,50422	47788	9,35591,01331	9,75471	10,64408,98669	50	
	20	9,34509,79436	9,27478	9,98909,02634	47799	9,35600,76802	9,75277	10,64399,23198	40	
	30	9,34519,06914	9,27269	9,98908,54835	47809	9,35610,52079	9,75078	10,64389,47921	30	
	40	9,34528,34183	9,27058	9,98908,07026	47820	9,35620,27157	9,74878	10,64379,72843	20	
	50	9,34537,61241	9,26852	9,98907,59206	47831	9,35630,02035	9,74683	10,64369,97965	10	
48	0	9,34546,88093	9,26645	9,98907,11375	47842	9,35639,76718	9,74487	10,64360,23282	0	12
	10	9,34556,14738	9,26434	9,98906,63533	47852	9,35649,51205	9,74286	10,64350,48795	50	
	20	9,34565,41172	9,26228	9,98906,15681	47863	9,35659,25491	9,74091	10,64340,74509	40	
	30	9,34574,67400	9,26020	9,98905,67818	47874	9,35668,99582	9,73894	10,64331,00418	30	
	40	9,34583,93420	9,25814	9,98905,19944	47885	9,35678,73476	9,73699	10,64321,26524	20	
	50	9,34593,19234	9,25605	9,98904,72059	47895	9,35688,47175	9,73500	10,64311,52825	10	
49	0	9,34602,44829	9,25397	9,98904,24164	47906	9,35698,20675	9,73303	10,64301,79325	0	11
	10	9,34611,70236	9,25190	9,98903,76258	47917	9,35707,93978	9,73107	10,64292,06022	50	
	20	9,34620,95426	9,24983	9,98903,28341	47927	9,35717,67085	9,72910	10,64282,32915	40	
	30	9,34630,20409	9,24776	9,98902,80414	47938	9,35727,39995	9,72714	10,64272,60005	30	
	40	9,34639,45185	9,24569	9,98902,32476	47949	9,35737,12709	9,72518	10,64262,87291	20	
	50	9,34648,69754	9,24363	9,98901,84527	47960	9,35746,85227	9,72323	10,64253,14773	10	
50	0	9,34657,94117	9,24153	9,98901,36567	47970	9,35756,57550	9,72123	10,64243,42450	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,34657,94117	9,24153	9,98901,36567	47970	9,35756,57550	9,72123	10,64243,42450	0	10
	10	9,34667,18270	9,23948	9,98900,88597	47981	9,35766,29673	9,71929	10,64233,70327	50	
	20	9,34676,42218	9,23742	9,98900,40616	47992	9,35776,01602	9,71734	10,64223,98398	40	
	30	9,34685,65960	9,23536	9,98899,92624	48003	9,35785,73336	9,71539	10,64214,26664	30	
	40	9,34694,89496	9,23327	9,98899,44621	48013	9,35795,44875	9,71340	10,64204,55125	20	
	50	9,34704,12823	9,23123	9,98898,96608	48024	9,35805,16215	9,71147	10,64194,83785	10	
51	0	9,34713,35946	9,22916	9,98898,48584	48035	9,35814,87362	9,70951	10,64185,12638	0	9
	10	9,34722,58862	9,22709	9,98898,00549	48045	9,35824,58313	9,70754	10,64175,41687	50	
	20	9,34731,81571	9,22502	9,98897,52504	48056	9,35834,29067	9,70558	10,64165,70933	40	
	30	9,34741,04073	9,22297	9,98897,04448	48067	9,35843,99625	9,70364	10,64156,00375	30	
	40	9,34750,26370	9,22090	9,98896,56381	48078	9,35853,69989	9,70168	10,64146,30011	20	
	50	9,34759,48460	9,21886	9,98896,08303	48089	9,35863,40157	9,69975	10,64136,59843	10	
52	0	9,34768,70346	9,21678	9,98895,60214	48099	9,35873,10132	9,69777	10,64126,89868	0	8
	10	9,34777,92024	9,21472	9,98895,12115	48110	9,35882,79909	9,69582	10,64117,20091	50	
	20	9,34787,13496	9,21269	9,98894,64005	48121	9,35892,49491	9,69390	10,64107,50509	40	
	30	9,34796,34765	9,21061	9,98894,15884	48132	9,35902,18881	9,69193	10,64097,81119	30	
	40	9,34805,55826	9,20856	9,98893,67752	48142	9,35911,88074	9,68998	10,64088,11926	20	
	50	9,34814,76682	9,20653	9,98893,19610	48153	9,35921,57072	9,68806	10,64078,42928	10	
53	0	9,34823,97335	9,20446	9,98892,71457	48164	9,35931,25878	9,68610	10,64068,74122	0	7
	10	9,34833,17781	9,20239	9,98892,23293	48174	9,35940,94488	9,68413	10,64059,05512	50	
	20	9,34842,38020	9,20036	9,98891,75119	48185	9,35950,62901	9,68221	10,64049,37099	40	
	30	9,34851,58056	9,19830	9,98891,26934	48196	9,35960,31122	9,68026	10,64039,68878	30	
	40	9,34860,77886	9,19626	9,98890,78738	48207	9,35969,99148	9,67833	10,64030,00852	20	
	50	9,34869,97512	9,19420	9,98890,30531	48218	9,35979,66981	9,67638	10,64020,33019	10	
54	0	9,34879,16932	9,19216	9,98889,82313	48228	9,35989,34619	9,67444	10,64010,65381	0	6
	10	9,34888,36148	9,19011	9,98889,34085	48239	9,35999,02063	9,67250	10,64000,97937	50	
	20	9,34897,55159	9,18807	9,98888,85846	48250	9,36008,69313	9,67057	10,63991,30687	40	
	30	9,34906,73966	9,18600	9,98888,37596	48260	9,36018,36370	9,66860	10,63981,63630	30	
	40	9,34915,92566	9,18397	9,98887,89336	48271	9,36028,03230	9,66668	10,63971,96770	20	
	50	9,34925,10963	9,18193	9,98887,41065	48282	9,36037,69898	9,66475	10,63962,30102	10	
55	0	9,34934,29156	9,17989	9,98886,92783	48293	9,36047,36373	9,66282	10,63952,63627	0	5
	10	9,34943,47145	9,17783	9,98886,44490	48303	9,36057,02655	9,66086	10,63942,97345	50	
	20	9,34952,64928	9,17581	9,98885,96187	48314	9,36066,68741	9,65895	10,63933,31259	40	
	30	9,34961,82509	9,17375	9,98885,47873	48325	9,36076,34636	9,65700	10,63923,65364	30	
	40	9,34970,99884	9,17172	9,98884,99548	48336	9,36086,00336	9,65508	10,63913,99664	20	
	50	9,34980,17056	9,16969	9,98884,51212	48346	9,36095,65844	9,65315	10,63904,34156	10	
56	0	9,34989,34025	9,16764	9,98884,02866	48357	9,36105,31159	9,65121	10,63894,68841	0	4
	10	9,34998,50789	9,16562	9,98883,54509	48368	9,36114,96280	9,64930	10,63885,03720	50	
	20	9,35007,67351	9,16357	9,98883,06141	48379	9,36124,61210	9,64736	10,63875,38790	40	
	30	9,35016,83708	9,16154	9,98882,57762	48389	9,36134,25946	9,64543	10,63865,74054	30	
	40	9,35025,99862	9,15950	9,98882,09373	48400	9,36143,90489	9,64350	10,63856,09511	20	
	50	9,35035,15812	9,15748	9,98881,60973	48411	9,36153,54839	9,64159	10,63846,45161	10	
57	0	9,35044,31560	9,15544	9,98881,12562	48422	9,36163,18998	9,63966	10,63836,81002	0	3
	10	9,35053,47104	9,15340	9,98880,64140	48432	9,36172,82964	9,63772	10,63827,17036	50	
	20	9,35062,62444	9,15137	9,98880,15708	48443	9,36182,46736	9,63580	10,63817,53264	40	
	30	9,35071,77581	9,14935	9,98879,67265	48454	9,36192,10316	9,63389	10,63807,89684	30	
	40	9,35080,92516	9,14731	9,98879,18811	48465	9,36201,73705	9,63196	10,63798,26295	20	
	50	9,35090,07247	9,14529	9,98878,70346	48475	9,36211,36901	9,63004	10,63788,63099	10	
58	0	9,35099,21776	9,14326	9,98878,21871	48486	9,36220,99905	9,62812	10,63779,00095	0	2
	10	9,35108,36102	9,14124	9,98877,73385	48497	9,36230,62717	9,62621	10,63769,37283	50	
	20	9,35117,50226	9,13920	9,98877,24888	48508	9,36240,25338	9,62428	10,63759,74662	40	
	30	9,35126,64146	9,13717	9,98876,76380	48518	9,36249,87766	9,62235	10,63750,12234	30	
	40	9,35135,77863	9,13517	9,98876,27862	48529	9,36259,50001	9,62046	10,63740,49999	20	
	50	9,35144,91380	9,13313	9,98875,79333	48540	9,36269,12047	9,61853	10,63730,87953	10	
59	0	9,35154,04693	9,13112	9,98875,30793	48551	9,36278,73900	9,61663	10,63721,26100	0	1
	10	9,35163,17805	9,12908	9,98874,82242	48561	9,36288,35563	9,61469	10,63711,64437	50	
	20	9,35172,30713	9,12707	9,98874,33681	48572	9,36297,97032	9,61279	10,63702,02968	40	
	30	9,35181,43420	9,12505	9,98873,85109	48583	9,36307,58311	9,61088	10,63692,41689	30	
	40	9,35190,55925	9,12304	9,98873,36526	48594	9,36317,19399	9,60898	10,63682,80601	20	
	50	9,35199,68229	9,12101	9,98872,87932	48604	9,36326,80297	9,60705	10,63673,19703	10	
60	0	9,35208,80330	9,11899	9,98872,39328	48615	9,36336,41002	9,60514	10,63663,58998	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
0	0	9,35208,80330	9,11899	9,98872,39328	48615	9,36336,41002	9,60514	10,63663,58998	0	60
	10	9,35217,92229	9,11697	9,98871,90713	48626	9,36346,01516	9,60323	10,63653,98484	50	
	20	9,35227,03926	9,11497	9,98871,42087	48637	9,36355,61839	9,60134	10,63644,38161	40	
	30	9,35236,15423	9,11294	9,98870,93450	48647	9,36365,21973	9,59941	10,63634,78027	30	
	40	9,35245,26717	9,11095	9,98870,44803	48658	9,36374,81914	9,59753	10,63625,18086	20	
	50	9,35254,37812	9,10893	9,98869,96145	48669	9,36384,41667	9,59562	10,63615,58333	10	
1	0	9,35263,48705	9,10691	9,98869,47476	48680	9,36394,01229	9,59371	10,63605,98771	0	59
	10	9,35272,59396	9,10490	9,98868,98796	48690	9,36403,60600	9,59180	10,63596,39400	50	
	20	9,35281,69886	9,10289	9,98868,50106	48701	9,36413,19780	9,58990	10,63586,80220	40	
	30	9,35290,80175	9,10088	9,98868,01405	48712	9,36422,78770	9,58800	10,63577,21230	30	
	40	9,35299,90263	9,09886	9,98867,52693	48723	9,36432,37570	9,58609	10,63567,62430	20	
	50	9,35309,00149	9,09687	9,98867,03970	48733	9,36441,96179	9,58420	10,63558,03821	10	
2	0	9,35318,09836	9,09485	9,98866,55237	48744	9,36451,54599	9,58229	10,63548,45401	0	58
	10	9,35327,19321	9,09287	9,98866,06493	48755	9,36461,12828	9,58042	10,63538,87172	50	
	20	9,35336,28608	9,09084	9,98865,57738	48766	9,36470,70870	9,57850	10,63529,29130	40	
	30	9,35345,37692	9,08883	9,98865,08972	48776	9,36480,28720	9,57659	10,63519,71280	30	
	40	9,35354,46575	9,08683	9,98864,60196	48787	9,36489,86379	9,57470	10,63510,13621	20	
	50	9,35363,55258	9,08484	9,98864,11409	48798	9,36499,43849	9,57282	10,63500,56151	10	
3	0	9,35372,63742	9,08284	9,98863,62611	48809	9,36509,01131	9,57093	10,63490,98869	0	57
	10	9,35381,72026	9,08081	9,98863,13802	48819	9,36518,58224	9,56900	10,63481,41776	50	
	20	9,35390,80107	9,07882	9,98862,64983	48830	9,36528,15124	9,56712	10,63471,84876	40	
	30	9,35399,87989	9,07683	9,98862,16153	48841	9,36537,71836	9,56524	10,63462,28164	30	
	40	9,35408,95672	9,07485	9,98861,67312	48852	9,36547,28360	9,56337	10,63452,71640	20	
	50	9,35418,03157	9,07282	9,98861,18460	48863	9,36556,84697	9,56145	10,63443,15303	10	
4	0	9,35427,10439	9,07083	9,98860,69597	48873	9,36566,40842	9,55956	10,63433,59158	0	56
	10	9,35436,17522	9,06886	9,98860,20724	48884	9,36575,96798	9,55770	10,63424,03202	50	
	20	9,35445,24408	9,06685	9,98859,71840	48895	9,36585,52568	9,55580	10,63414,47432	40	
	30	9,35454,31093	9,06486	9,98859,22945	48906	9,36595,08148	9,55392	10,63404,91852	30	
	40	9,35463,37579	9,06285	9,98858,74039	48916	9,36604,63540	9,55201	10,63395,36460	20	
	50	9,35472,43864	9,06086	9,98858,25123	48927	9,36614,18741	9,55013	10,63385,81259	10	
5	0	9,35481,49950	9,05887	9,98857,76196	48938	9,36623,73754	9,54825	10,63376,26246	0	55
	10	9,35490,55837	9,05687	9,98857,27258	48948	9,36633,28579	9,54635	10,63366,71421	50	
	20	9,35499,61524	9,05489	9,98856,78310	48959	9,36642,83214	9,54448	10,63357,16786	40	
	30	9,35508,67013	9,05291	9,98856,29351	48970	9,36652,37662	9,54261	10,63347,62338	30	
	40	9,35517,72304	9,05090	9,98855,80381	48981	9,36661,91923	9,54071	10,63338,08077	20	
	50	9,35526,77394	9,04892	9,98855,31400	48992	9,36671,45994	9,53884	10,63328,54006	10	
6	0	9,35535,82286	9,04693	9,98854,82408	49002	9,36680,99878	9,53695	10,63319,00122	0	54
	10	9 35544,86979	9,04495	9,98854,33406	49013	9,36690,53573	9,53508	10,63309,46427	50	
	20	9,35553,91474	9,04296	9,98853,84393	49024	9,36700,07081	9,53320	10,63299,92919	40	
	30	9,35562,95770	9,04097	9,98853,35369	49035	9,36709,60401	9,53132	10,63290,39599	30	
	40	9,35571,99867	9,03900	9,98852,86334	49045	9,36719,13533	9,52945	10,63280,86467	20	
	50	9,35581,03767	9,03702	9,98852,37289	49056	9,36728,66478	9,52758	10,63271,33522	10	
7	0	9,35590,07469	9,03505	9,98851,88233	49067	9,36738,19236	9,52572	10,63261,80764	0	53
	10	9,35599,10974	9,03304	9,98851,39166	49078	9,36747,71808	9,52382	10,63252,28192	50	
	20	9,35608,14278	9,03106	9,98850,90088	49088	9,36757,24190	9,52194	10,63242,75810	40	
	30	9,35617,17384	9,02909	9,98850,41000	49099	9,36766,76384	9,52008	10,63233,23616	30	
	40	9,35626,20293	9,02712	9,98849,91901	49110	9,36776,28392	9,51822	10,63223,71608	20	
	50	9,35635,23005	9,02512	9,98849,42791	49121	9,36785,80214	9,51633	10,63214,19786	10	
8	0	9,35644,25517	9,02315	9,98848,93670	49132	9,36795,31847	9,51447	10,63204,68153	0	52
	10	9,35653,27832	9,02119	9,98848,44538	49142	9,36804,83294	9,51261	10,63195,16706	50	
	20	9,35662,29951	9,01921	9,98847,95396	49153	9,36814,34555	9,51074	10,63185,65445	40	
	30	9,35671,31872	9,01723	9,98847,46243	49164	9,36823,85629	9,50887	10,63176,14371	30	
	40	9,35680,33595	9,01526	9,98846,97079	49175	9,36833,36516	9,50701	10,63166,63484	20	
	50	9,35689,35121	9,01328	9,98846,47904	49185	9,36842,87217	9,50513	10,63157,12783	10	
9	0	9,35698,36449	9,01131	9,98845,98719	49196	9,36852,37730	9,50327	10,63147,62270	0	51
	10	9,35707,37580	9,00934	9,98845,49523	49207	9,36861,88057	9,50141	10,63138,11943	50	
	20	9,35716,38514	9,00736	9,98845,00316	49218	9,36871,38198	9,49954	10,63128,61802	40	
	30	9,35725,39250	9,00540	9,98844,51098	49228	9,36880,88152	9,49768	10,63119,11848	30	
	40	9,35734,39790	9,00342	9,98844,01870	49239	9,36890,37920	9,49581	10,63109,62080	20	
	50	9,35743,40132	9,00146	9,98843,52631	49250	9,36899,87501	9,49396	10,63100,12499	10	
10	0	9,35752,40278	8,99950	9,98843,03381	49261	9,36909,36897	9,49211	10,63090,63103	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPLEM. Logarithmi.		
10	0	9,35752,40278	8,99950	9,98843,03381	49261	9,36909,36897	9,49211	10,63090,63103	0	50
	10	9,35761,40228	8,99751	9,98842,54120	49271	9,36918,86108	9,49022	10,63081,13892	50	
	20	9,35770,39979	8,99557	9,98842,04849	49282	9,36928,35130	9,48839	10,63071,64870	40	
	30	9,35779,39536	8,99360	9,98841,55567	49293	9,36937,83969	9,48653	10,63062,16031	30	
	40	9,35788,38896	8,99163	9,98841,06274	49304	9,36947,32622	9,48467	10,63052,67378	20	
	50	9,35797,38059	8,98965	9,98840,56970	49314	9,36956,81089	9,48279	10,63043,18911	10	
11	0	9,35806,37024	8,98770	9,98840,07656	49325	9,36966,29368	9,48095	10,63033,70632	0	49
	10	9,35815,35794	8,98573	9,98839,58331	49336	9,36975,77463	9,47909	10,63024,22537	50	
	20	9,35824,34367	8,98380	9,98839,08995	49347	9,36985,25372	9,47727	10,63014,74628	40	
	30	9,35833,32747	8,98184	9,98838,59648	49358	9,36994,73099	9,47542	10,63005,26901	30	
	40	9,35842,30931	8,97986	9,98838,10290	49368	9,37004,20641	9,47354	10,62995,79359	20	
	50	9,35851,28917	8,97791	9,98837,60922	49379	9,37013,67995	9,47170	10,62986,32005	10	
12	0	9,35860,26708	8,97595	9,98837,11543	49390	9,37023,15165	9,46985	10,62976,84835	0	48
	10	9,35869,24303	8,97399	9,98836,62153	49401	9,37032,62150	9,46800	10,62967,37850	50	
	20	9,35878,21702	8,97203	9,98836,12752	49411	9,37042,08950	9,46614	10,62957,91050	40	
	30	9,35887,18905	8,97008	9,98835,63341	49422	9,37051,55564	9,46430	10,62948,44436	30	
	40	9,35896,15913	8,96812	9,98835,13919	49433	9,37061,01994	9,46245	10,62938,98006	20	
	50	9,35905,12725	8,96618	9,98834,64486	49444	9,37070,48239	9,46062	10,62929,51761	10	
13	0	9,35914,09343	8,96422	9,98834,15042	49455	9,37079,94301	9,45877	10,62920,05699	0	47
	10	9,35923,05765	8,96226	9,98833,65587	49465	9,37089,40178	9,45691	10,62910,59822	50	
	20	9,35932,01991	8,96032	9,98833,16122	49476	9,37098,85869	9,45508	10,62901,14131	40	
	30	9,35940,98023	8,95836	9,98832,66646	49487	9,37108,31377	9,45323	10,62891,68623	30	
	40	9,35949,93859	8,95643	9,98832,17159	49498	9,37117,76700	9,45141	10,62882,23300	20	
	50	9,35958,89502	8,95446	9,98831,67661	49508	9,37127,21841	9,44954	10,62872,78159	10	
14	0	9,35967,84948	8,95250	9,98831,18153	49519	9,37136,66795	9,44769	10,62863,33205	0	46
	10	9,35976,80198	8,95057	9,98830,68634	49530	9,37146,11564	9,44587	10,62853,88436	50	
	20	9,35985,75255	8,94864	9,98830,19104	49541	9,37155,56151	9,44405	10,62844,43849	40	
	30	9,35994,70119	8,94668	9,98829,69563	49551	9,37165,00556	9,44219	10,62834,99444	30	
	40	9,36003,64787	8,94473	9,98829,20012	49562	9,37174,44775	9,44035	10,62825,55225	20	
	50	9,36012,59260	8,94279	9,98828,70450	49573	9,37183,88810	9,43852	10,62816,11190	10	
15	0	9,36021,53539	8,94084	9,98828,20877	49584	9,37193,32662	9,43668	10,62806,67338	0	45
	10	9,36030,47623	8,93892	9,98827,71293	49594	9,37202,76330	9,43486	10,62797,23670	50	
	20	9,36039,41515	8,93696	9,98827,21699	49605	9,37212,19816	9,43301	10,62787,80184	40	
	30	9,36048,35211	8,93503	9,98826,72094	49616	9,37221,63117	9,43119	10,62778,36883	30	
	40	9,36057,28714	8,93307	9,98826,22478	49627	9,37231,06236	9,42934	10,62768,93764	20	
	50	9,36066,22021	8,93115	9,98825,72851	49638	9,37240,49170	9,42753	10,62759,50830	10	
16	0	9,36075,15136	8,92919	9,98825,23213	49649	9,37249,91923	9,42568	10,62750,08077	0	44
	10	9,36084,08055	8,92729	9,98824,73564	49659	9,37259,34491	9,42388	10,62740,65509	50	
	20	9,36093,00784	8,92533	9,98824,23905	49670	9,37268,76879	9,42203	10,62731,23121	40	
	30	9,36101,93317	8,92341	9,98823,74235	49681	9,37278,19082	9,42022	10,62721,80918	30	
	40	9,36110,85658	8,92146	9,98823,24554	49692	9,37287,61104	9,41838	10,62712,38896	20	
	50	9,36119,77804	8,91953	9,98822,74862	49702	9,37297,02942	9,41655	10,62702,97058	10	
17	0	9,36128,69757	8,91759	9,98822,25160	49713	9,37306,44597	9,41472	10,62693,55403	0	43
	10	9,36137,61516	8,91567	9,98821,75447	49724	9,37315,86069	9,41291	10,62684,13931	50	
	20	9,36146,53083	8,91373	9,98821,25723	49735	9,37325,27360	9,41108	10,62674,72640	40	
	30	9,36155,44456	8,91179	9,98820,75988	49745	9,37334,68468	9,40924	10,62665,31532	30	
	40	9,36164,35635	8,90987	9,98820,26243	49756	9,37344,09392	9,40743	10,62655,90608	20	
	50	9,36173,26622	8,90793	9,98819,76487	49767	9,37352,50135	9,40560	10,62647,49865	10	
18	0	9,36182,17415	8,90601	9,98819,26720	49778	9,37362,90695	9,40379	10,62637,09305	0	42
	10	9,36191,08016	8,90408	9,98818,76942	49788	9,37372,31074	9,40196	10,62627,68926	50	
	20	9,36199,98424	8,90214	9,98818,27154	49799	9,37381,71270	9,40013	10,62618,28730	40	
	30	9,36208,88638	8,90022	9,98817,77355	49810	9,37391,11283	9,39832	10,62608,88717	30	
	40	9,36217,78660	8,89832	9,98817,27545	49821	9,37400,51115	9,39653	10,62599,48885	20	
	50	9,36226,68492	8,89637	9,98816,77724	49832	9,37409,90768	9,39469	10,62590,09232	10	
19	0	9,36235,58129	8,89444	9,98816,27892	49842	9,37419,30237	9,39286	10,62580,69763	0	41
	10	9,36244,47573	8,89253	9,98815,78050	49853	9,37428,69523	9,39106	10,62571,30477	50	
	20	9,36253,36826	8,89060	9,98815,28197	49864	9,37438,08629	9,38924	10,62561,91371	40	
	30	9,36262,25886	8,88869	9,98814,78333	49875	9,37447,47553	9,38744	10,62552,52447	30	
	40	9,36271,14755	8,88676	9,98814,28458	49886	9,37456,86297	9,38562	10,62543,13703	20	
	50	9,36280,03431	8,88485	9,98813,78572	49896	9,37466,24859	9,38381	10,62533,75141	10	
20	0	9,36288,91916	8,88292	9,98813,28676	49907	9,37475,63240	9,38199	10,62524,36760	0	40
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. complem Logarithmi.	Diff,	TANGEN. Logarithmi.	Differ. communes.	Tang.complem. Logarithmi.		
20	0	9,36288,91916	8,88292	9,98813,28676	49907	9,37475,63240	9,38199	10,62524,36760	0	40
	10	9,36297,80208	8,88101	9,98812,78769	49918	9,37485,01439	9,38019	10,62514,98561	50	
	20	9,36306,68309	8,87909	9,98812,28851	49929	9,37494,39458	9,37838	10,62505,60542	40	
	30	9,36315,56218	8,87718	9,98811,78922	49940	9,37503,77296	9,37658	10,62496,22704	30	
	40	9,36324,43936	8,87525	9,98811,28982	49950	9,37513,14954	9,37475	10,62486,85046	20	
	50	9,36333,31461	8,87333	9,98810,79032	49961	9,37522,52429	9,37294	10,62477,47571	10	
21	0	9,36342,18794	8,87143	9,98810,29071	49972	9,37531,89723	9,37115	10,62468,10277	0	39
	10	9,36351,05937	8,86951	9,98809,79099	49982	9,37541,26838	9,36933	10,62458,73162	50	
	20	9,36359,92888	8,86759	9,98809,29117	49993	9,37550,63771	9,36752	10,62449,36229	40	
	30	9,36368,79647	8,86568	9,98808,79124	50004	9,37560,00523	9,36572	10,62439,99477	30	
	40	9,36377,66215	8,86377	9,98808,29120	50015	9,37569,37095	9,36392	10,62430,62905	20	
	50	9,36386,52592	8,86187	9,98807,79105	50026	9,37578,73487	9,36213	10,62421,26513	10	
22	0	9,36395,38779	8,85994	9,98807,29079	50036	9,37588,09700	9,36030	10,62411,90300	0	38
	10	9,36404,24773	8,85804	9,98806,79043	50047	9,37597,45730	9,35851	10,62402,54270	50	
	20	9,36413,10577	8,85614	9,98806,28996	50058	9,37606,81581	9,35672	10,62393,18419	40	
	30	9,36421,96191	8,85423	9,98805,78938	50069	9,37616,17253	9,35492	10,62383,82747	30	
	40	9,36430,81614	8,85234	9,98805,28869	50080	9,37625,52745	9,35314	10,62374,47255	20	
	50	9,36439,66848	8,85041	9,98804,78789	50091	9,37634,88059	9,35132	10,62365,11941	10	
23	0	9,36448,51889	8,84851	9,98804,28698	50101	9,37644,23191	9,34952	10,62355,76809	0	37
	10	9,36457,36740	8,84661	9,98803,78597	50112	9,37653,58143	9,34773	10,62346,41857	50	
	20	9,36466,21401	8,84470	9,98803,28485	50123	9,37662,92916	9,34593	10,62337,07084	40	
	30	9,36475,05871	8,84280	9,98802,78362	50134	9,37672,27509	9,34414	10,62327,72491	30	
	40	9,36483,90151	8,84089	9,98802,28228	50144	9,37681,61923	9,34233	10,62318,38077	20	
	50	9,36492,74240	8,83899	9,98801,78084	50155	9,37690,96156	9,34054	10,62309,03844	10	
24	0	9,36501,58139	8,83710	9,98801,27929	50166	9,37700,30210	9,33876	10,62299,69790	0	36
	10	9,36510,41849	8,83519	9,98800,77763	50177	9,37709,64086	9,33696	10,62290,35914	50	
	20	9,36519,25368	8,83330	9,98800,27586	50187	9,37718,97782	9,33517	10,62281,02218	40	
	30	9,36528,08698	8,83139	9,98799,77399	50198	9,37728,31299	9,33337	10,62271,68701	30	
	40	9,36536,91837	8,82950	9,98799,27201	50209	9,37737,64636	9,33159	10,62262,35364	20	
	50	9,36545,74787	8,82760	9,98798,76992	50220	9,37746,97795	9,32980	10,62253,02205	10	
25	0	9,36554,57547	8,82571	9,98798,26772	50231	9,37756,30775	9,32802	10,62243,69225	0	35
	10	9,36563,40118	8,82381	9,98797,46541	50241	9,37765,63577	9,32622	10,62234,36423	50	
	20	9,36572,22499	8,82191	9,98797,26300	50252	9,37774,96199	9,32443	10,62225,03801	40	
	30	9,36581,04690	8,82002	9,98796,76048	50263	9,37784,28642	9,32265	10,62215,71358	30	
	40	9,36589,86692	8,81812	9,98796,25785	50274	9,37793,60907	9,32086	10,62206,39093	20	
	50	9,36598,68504	8,81625	9,98795,75511	50285	9,37802,92993	9,31910	10,62197,07007	10	
26	0	9,36607,50129	8,81434	9,98795,25226	50295	9,37812,24903	9,31729	10,62187,75097	0	34
	10	9,36616,31563	8,81245	9,98794,74931	50306	9,37821,56632	9,31551	10,62178,43368	50	
	20	9,36625,12808	8,81058	9,98794,24625	50317	9,37830,88183	9,31375	10,62169,11817	40	
	30	9,36633,93866	8,80867	9,98793,74308	50328	9,37840,19558	9,31195	10,62159,80442	30	
	40	9,36642,74733	8,80679	9,98793,23980	50339	9,37849,50753	9,31018	10,62150,49247	20	
	50	9,36651,55412	8,80490	9,98792,73641	50349	9,37858,81771	9,30839	10,62141,18229	10	
27	0	9,36660,35902	8,80302	9,98792,23292	50360	9,37868,12610	9,30662	10,62131,87390	0	33
	10	9,36669,16204	8,80112	9,98791,72932	50371	9,37877,43272	9,30483	10,62122,56728	50	
	20	9,36677,96316	8,79925	9,98791,22561	50382	9,37886,73755	9,30307	10,62113,26245	40	
	30	9,36686,76241	8,79735	9,98790,72179	50393	9,37896,04062	9,30128	10,62103,95938	30	
	40	9,36695,55976	8,79548	9,98790,21786	50403	9,37905,34190	9,29951	10,62094,65810	20	
	50	9,36704,35524	8,79359	9,98789,71383	50414	9,37914,64141	9,29773	10,62085,35859	10	
28	0	9,36713,14883	8,79171	9,98789,20969	50425	9,37923,93914	9,29596	10,62076,06086	0	32
	10	9,36721,94054	8,78983	9,98788,70544	50436	9,37933,23510	9,29419	10,62066,76490	50	
	20	9,36730,73037	8,78795	9,98788,20108	50447	9,37942,52929	9,29242	10,62057,47071	40	
	30	9,36739,51832	8,78607	9,98787,69661	50457	9,37951,82171	9,29064	10,62048,17829	30	
	40	9,36748,30439	8,78419	9,98787,19204	50468	9,37961,11235	9,28887	10,62038,88765	20	
	50	9,36757,08858	8,78230	9,98786,68736	50479	9,37970,40122	9,28709	10,62029,59878	10	
29	0	9,36765,87088	8,78044	9,98786,18257	50490	9,37979,68831	9,28534	10,62020,31169	0	31
	10	9,36774,65132	8,77855	9,98785,67767	50500	9,37988,97365	9,28355	10,62011,02635	50	
	20	9,36783,42987	8,77667	9,98785,17267	50511	9,37998,25720	9,28178	10,62001,74280	40	
	30	9,36792,20654	8,77481	9,98784,66756	50522	9,38007,53898	9,28003	10,61992,46102	30	
	40	9,36800,98135	8,77294	9,98784,16234	50533	9,38016,81901	9,27827	10,61983,18099	20	
	50	9,36809,75429	8,77106	9,98783,65701	50544	9,38026,09728	9,27650	10,61973,90272	10	
30	0	9,36818,52535	8,76917	9,98783,15157	50554	9,38035,37378	9,27471	10,61964,62622	0	30
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin: comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
30	0	9,36818,52535		9,98783,15157		9,38035,37378		10,61964,62622	0	30
	10	9,36827,29452	8,76917	9,98782,64603	50554	9,38044,64849	9,27471	10,61955,35151	50	
	20	9,36836,06184	8,76732	9,98782,14038	50565	9,38053,92146	9,27297	10,61946,07854	40	
	30	9,36844,82728	8,76544	9,98781,63462	50576	9,38063,19266	9,27120	10,61936,80734	30	
	40	9,36853,59084	8,76356	9,98781,12875	50587	9,38072,46209	9,26943	10,61927,53791	20	
	50	9,36862,35253	8,76169	9,98780,62277	50598	9,38081,72976	9,26767	10,61918,27024	10	
31	0	9,36871,11236	8,75983	9,98780,11669	50608	9,38090,99567	9,26591	10,61909,00433	0	29
	10	9,36879,87032	8,75796	9,98779,61050	50619	9,38100,25982	9,26415	10,61899,74018	50	
	20	9,36888,62640	8,75608	9,98779,10420	50630	9,38109,52220	9,26238	10,61890,47780	40	
	30	9,36897,38063	8,75423	9,98778,59779	50641	9,38118,78284	9,26064	10,61881,21716	30	
	40	9,36906,13300	8,75237	9,98778,09127	50652	9,38128,04173	9,25889	10,61871,95827	20	
	50	9,36914,88350	8,75050	9,98777,58465	50662	9,38137,29885	9,25712	10,61862,70115	10	
32	0	9,36923,63211	8,74861	9,98777,07792	50673	9,38146,55419	9,25534	10,61853,44581	0	28
	10	9,36932,37887	8,74676	9,98776,57108	50684	9,38155,80779	9,25360	10,61844,19221	50	
	20	9,36941,12378	8,74491	9,98776,06413	50695	9,38165,05965	9,25186	10,61834,94035	40	
	30	9,36949,86681	8,74303	9,98775,55707	50706	9,38174,30974	9,25009	10,61825,69026	30	
	40	9,36958,60799	8,74118	9,98775,04991	50716	9,38183,55808	9,24834	10,61816,44192	20	
	50	9,36967,34731	8,73932	9,98774,54264	50727	9,38192,80467	9,24659	10,61807,19533	10	
33	0	9,36976,08475	8,73744	9,98774,03526	50738	9,38202,04940	9,24482	10,61797,95051	0	27
	10	9,36984,82033	8,73558	9,98773,52777	50749	9,38211,29256	9,24307	10,61788,70744	50	
	20	9,36993,55407	8,73374	9,98773,02017	50760	9,38220,53390	9,24134	10,61779,46610	40	
	30	9,37002,28596	8,73189	9,98772,51247	50770	9,38229,77349	9,23959	10,61770,22651	30	
	40	9,37011,01598	8,73002	9,98772,00466	50781	9,38239,01132	9,23783	10,61760,98868	20	
	50	9,37019,74415	8,72817	9,98771,49674	50792	9,38248,24741	9,23609	10,61751,75259	10	
34	0	9,37028,47045	8,72630	9,98770,98871	50803	9,38257,48174	9,23433	10,61742,51826	0	26
	10	9,37037,19490	8,72445	9,98770,48057	50814	9,38266,71433	9,23259	10,61733,28567	50	
	20	9,37045,91751	8,72261	9,98769,97233	50824	9,38275,94518	9,23085	10,61724,05482	40	
	30	9,37054,63824	8,72073	9,98769,46398	50835	9,38285,17426	9,22908	10,61714,82574	30	
	40	9,37063,35712	8,71888	9,98768,95552	50846	9,38294,40160	9,22734	10,61705,59840	20	
	50	9,37072,07416	8,71704	9,98768,44695	50857	9,38303,62721	9,22561	10,61696,37279	10	
35	0	9,37080,78936	8,71520	9,98767,93827	50868	9,38312,85109	9,22388	10,61687,14891	0	25
	10	9,37089,50271	8,71335	9,98767,42949	50878	9,38322,07322	9,22213	10,61677,92678	50	
	20	9,37098,21420	8,71149	9,98766,92060	50889	9,38331,29360	9,22038	10,61668,70640	40	
	30	9,37106,92383	8,70963	9,98766,41160	50900	9,38340,51223	9,21863	10,61659,48777	30	
	40	9,37115,63161	8,70778	9,98765,90249	50911	9,38349,72912	9,21689	10,61650,27088	20	
	50	9,37124,33756	8,70595	9,98765,39327	50922	9,38358,94429	9,21517	10,61641,05571	10	
36	0	9,37133,04167	8,70411	9,98764,88394	50933	9,38368,15773	9,21344	10,61631,84227	0	24
	10	9,37141,74392	8,70225	9,98764,37451	50943	9,38377,36941	9,21168	10,61622,63059	50	
	20	9,37150,44431	8,70039	9,98763,86497	50954	9,38386,57934	9,20993	10,61613,42066	40	
	30	9,37150,14287	8,69856	9,98763,35532	50965	9,38395,78755	9,20821	10,61604,21245	30	
	40	9,37167,83958	8,69671	9,98762,84556	50976	9,38404,99402	9,20647	10,61595,00598	20	
	50	9,37176,53447	8,69489	9,98762,33569	50987	9,38414,19878	9,20476	10,61585,80122	10	
37	0	9,37185,22749	8,69302	9,98761,82572	50997	9,38423,40177	9,20299	10,61576,59823	0	23
	10	9,37193,91869	8,69120	9,98761,31564	51008	9,38432,60305	9,20128	10,61567,39695	50	
	20	9,37202,60803	8,68934	9,98760,80545	51019	9,38441,80258	9,19953	10,61558,19742	40	
	30	9,37211,29555	8,68752	9,98760,29515	51030	9,38451,00040	9,19782	10,61548,99960	30	
	40	9,37219,98122	8,68567	9,98759,78475	51040	9,38460,19647	9,19607	10,61539,80353	20	
	50	9,37228,66503	8,68381	9,98759,27424	51051	9,38469,39079	9,19432	10,61530,60921	10	
38	0	9,37237,34701	8,68198	9,98758,76362	51062	9,38478,58339	9,19260	10,61521,41661	0	22
	10	9,37246,02716	8,68015	9,98758,25289	51073	9,38487,77427	9,19088	10,61512,22573	50	
	20	9,37254,70549	8,67833	9,98757,74205	51084	9,38496,96344	9,18917	10,61503,03656	40	
	30	9,37263,38197	8,67648	9,98757,23110	51095	9,38506,15087	9,18743	10,61493,84913	30	
	40	9,37272,05662	8,67465	9,98756,72005	51105	9,38515,33657	9,18570	10,61484,66343	20	
	50	9,37280,72943	8,67281	9,98756,20889	51116	9,38524,52054	9,18397	10,61475,47946	10	
39	0	9,37289,40040	8,67097	9,98755,69762	51127	9,38533,70278	9,18224	10,61466,29722	0	21
	10	9,37298,06955	8,66915	9,98755,18624	51138	9,38542,88331	9,18053	10,61457,11669	50	
	20	9,37306,73687	8,66732	9,98754,67475	51149	9,38552,06212	9,17881	10,61447,93788	40	
	30	9,37315,40234	8,66547	9,98754,16316	51159	9,38561,23918	9,17706	10,61438,76082	30	
	40	9,37324,06598	8,66364	9,98753,65146	51170	9,38570,41452	9,17534	10,61429,58548	20	
	50	9,37332,72781	8,66183	9,98753,13965	51181	9,38579,58816	9,17364	10,61420,41184	10	
40	0	9,37341,38780	8,65999	9,98752,62773	51192	9,38588,76007	9,17191	10,61411,23993	0	20
		Sin. comple.	8,65817	SINVVM	51203	Tang.compl	9,17020	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	TANGEN. Logarithmi.	Diff.	Sin. comple. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
40	0	9,37341,38780		9,98752,62773		9,38588,76007		10,61411,23993	0	20
	10	9,37350,04597	8,65817	9,98752,11570	51203	9,38597,93027	9,17020	10,61402,06973	50	
	20	9,37358,70231	8,65634	9,98751,60357	51213	9,38607,09874	9,16847	10,61392,90126	40	
	30	9,37367,35680	8,65449	9,98751,09133	51224	9,38616,26547	9,16673	10,61383,73453	30	
	40	9,37376,00949	8,65269	9,98750,57898	51235	9,38625,43051	9,16504	10,61374,56949	20	
	50	9,37384,66035	8,65086	9,98750,06652	51246	9,38634,59383	9,16332	10,61365,40617	10	
41	0	9,37393,30938	8,64903	9,98749,55395	51257	9,38643,75543	9,16160	10,61356,24457	0	19
	10	9,37401,95658	8,64720	9,98749,04127	51268	9,38652,91531	9,15988	10,61347,08469	50	
	20	9,37410,60196	8,64538	9,98748,52849	51278	9,38662,07347	9,15816	10,61337,92653	40	
	30	9,37419,24553	8,64357	9,98748,01560	51289	9,38671,22993	9,15646	10,61328,77007	30	
	40	9,37427,88727	8,64174	9,98747,50260	51300	9,38680,38467	9,15474	10,61319,61533	20	
	50	9,37436,52720	8,63993	9,98746,98949	51311	9,38689,53771	9,15304	10,61310,46229	10	
42	0	9,37445,16529	8,63809	9,98746,47627	51322	9,38698,68902	9,15131	10,61301,31098	0	18
	10	9,37453,80155	8,63626	9,98745,96295	51332	9,38707,83860	9,14958	10,61292,16140	50	
	20	9,37462,43601	8,63446	9,98745,44952	51343	9,38716,98649	9,14789	10,61283,01351	40	
	30	9,37471,06865	8,63264	9,98744,93598	51354	9,38726,13267	9,14618	10,61273,86733	30	
	40	9,37479,69946	8,63081	9,98744,42233	51365	9,38735,27713	9,14446	10,61264,72287	20	
	50	9,37488,32847	8,62901	9,98743,90857	51376	9,38744,41990	9,14277	10,61255,58010	10	
43	0	9,37496,95567	8,62720	9,98743,39470	51387	9,38753,56097	9,14107	10,61246,43903	0	17
	10	9,37505,58104	8,62537	9,98742,88073	51397	9,38762,70031	9,13934	10,61237,29969	50	
	20	9,37514,20461	8,62357	9,98742,36665	51408	9,38771,83796	9,13765	10,61228,16204	40	
	30	9,37522,82635	8,62174	9,98741,85246	51419	9,38780,97389	9,13593	10,61219,02611	30	
	40	9,37531,44627	8,61992	9,98741,33816	51430	9,38790,10811	9,13422	10,61209,89189	20	
	50	9,37540,06438	8,61811	9,98740,82375	51441	9,38799,24063	9,13252	10,61200,75937	10	
44	0	9,37548,68070	8,61632	9,98740,30924	51451	9,38808,37146	9,13083	10,61191,62854	0	16
	10	9,37557,29520	8,61450	9,98739,79462	51462	9,38817,50058	9,12912	10,61182,49942	50	
	20	9,37565,90787	8,61267	9,98739,27989	51473	9,38826,62798	9,12740	10,61173,37202	40	
	30	9,37574,51875	8,61088	9,98738,76505	51484	9,38835,75370	9,12572	10,61164,24630	30	
	40	9,37583,12782	8,60907	9,98738,25010	51495	9,38844,87772	9,12402	10,61155,12228	20	
	50	9,37591,73509	8,60727	9,98737,73504	51506	9,38854,00005	9,12233	10,61145,99995	10	
45	0	9,37600,34053	8,60544	9,98737,21988	51516	9,38863,12065	9,12060	10,61136,87935	0	15
	10	9,37608,94417	8,60364	9,98736,70461	51527	9,38872,23956	9,11891	10,61127,76044	50	
	20	9,37617,54601	8,60184	9,98736,18923	51538	9,38881,35678	9,11722	10,61118,64322	40	
	30	9,37626,14604	8,60003	9,98735,67374	51549	9,38890,47230	9,11552	10,61109,52770	30	
	40	9,37634,74426	8,59822	9,98735,15814	51560	9,38899,58612	9,11382	10,61100,41388	20	
	50	9,37643,34068	8,59642	9,98734,64244	51570	9,38908,69824	9,11212	10,61091,30176	10	
46	0	9,37651,93530	8,59462	9,98734,12663	51581	9,38917,80867	9,11043	10,61082,19133	0	14
	10	9,37660,52812	8,59282	9,98733,61071	51592	9,38926,91741	9,10874	10,61073,08259	50	
	20	9,37669,11913	8,59101	9,98733,09468	51603	9,38936,02445	9,10704	10,61063,97555	40	
	30	9,37677,70834	8,58921	9,98732,57854	51614	9,38945,12980	9,10535	10,61054,87020	30	
	40	9,37686,29574	8,58740	9,98732,06230	51624	9,38954,23344	9,10364	10,61045,76656	20	
	50	9,37694,88135	8,58561	9,98731,54595	51635	9,38963,33540	9,10196	10,61036,66460	10	
47	0	9,37703,46518	8,58383	9,98731,02949	51646	9,38972,43569	9,10029	10,61027,56431	0	13
	10	9,37712,04720	8,58202	9,98730,51292	51657	9,38981,53428	9,09859	10,61018,46572	50	
	20	9,37720,62742	8,58022	9,98729,99624	51668	9,38990,63118	9,09690	10,61009,36882	40	
	30	9,37729,20584	8,57842	9,98729,47945	51679	9,38999,72639	9,09521	10,61000,27361	30	
	40	9,37737,78245	8,57661	9,98728,96256	51689	9,39008,81989	9,09350	10,60991,18011	20	
	50	9,37746,35729	8,57484	9,98728,44556	51700	9,39017,91173	9,09184	10,60982,08827	10	
48	0	9,37754,93033	8,57304	9,98727,92845	51711	9,39027,00188	9,09015	10,60972,99812	0	12
	10	9,37763,50159	8,57126	9,98727,41123	51722	9,39036,09036	9,08848	10,60963,90964	50	
	20	9,37772,07103	8,56944	9,98726,89390	51733	9,39045,17713	9,08677	10,60954,82287	40	
	30	9,37780,63868	8,56765	9,98726,37646	51744	9,39054,26222	9,08509	10,60945,73778	30	
	40	9,37789,20453	8,56585	9,98725,85892	51754	9,39063,34561	9,08339	10,60936,65439	20	
	50	9,37797,76860	8,56407	9,98725,34127	51765	9,39072,42733	9,08172	10,60927,57267	10	
49	0	9,37806,33089	8,56229	9,98724,82351	51776	9,39081,50738	9,08005	10,60918,49262	0	11
	10	9,37814,89140	8,56051	9,98724,30564	51787	9,39090,58576	9,07838	10,60909,41424	50	
	20	9,37823,45010	8,55870	9,98723,78766	51798	9,39099,66244	9,07668	10,60900,33756	40	
	30	9,37832,00701	8,55691	9,98723,26957	51809	9,39108,73744	9,07500	10,60891,26256	30	
	40	9,37840,56213	8,55512	9,98722,75138	51819	9,39117,81075	9,07331	10,60882,18925	20	
	50	9,37849,11548	8,55335	9,98722,23308	51830	9,39126,88240	9,07165	10,60873,11760	10	
50	0	9,37857,66703	8,55155	9,98721,71467	51841	9,39135,95236	9,06996	10,60864,04764	0	10
		Sin. comple.	8,54975	SINVVM	51852	Tang.compl	9,06827	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,37857,66703	8,54975	9,98721,71467	51852	9,39135,95236	9,06827	10,60864,04764	0	10
	10	9,37866,21678	8,54799	9,98721,19615	51863	9,39145,02063	9,06662	10,60854,97937	50	
	20	9,37874,76477	8,54620	9,98720,67752	51873	9,39154,08725	9,06493	10,60845,91275	40	
	30	9,37883,31097	8,54440	9,98720,15879	51884	9,39163,15218	9,06324	10,60836,84782	30	
	40	9,37891,85537	8,54264	9,98719,63995	51895	9,39172,21542	9,06159	10,60827,78458	20	
	50	9,37900,39801	8,54086	9,98719,12100	51906	9,39181,27701	9,05992	10,60818,72299	10	
51	0	9,37908,93887	8,53906	9,98718,60194	51917	9,39190,33693	9,05823	10,60809,66307	0	9
	10	9,37917,47793	8,53730	9,98718,08277	51928	9,39199,39516	9,05658	10,60800,60484	50	
	20	9,37926,01523	8,53552	9,98717,56349	51939	9,39208,45174	9,05491	10,60791,54826	40	
	30	9,37934,55075	8,53373	9,98717,04410	51949	9,39217,50665	9,05322	10,60782,49335	30	
	40	9,37943,08448	8,53194	9,98716,52461	51960	9,39226,55987	9,05154	10,60773,44013	20	
	50	9,37951,61642	8,53017	9,98716,00501	51971	9,39235,61141	9,04988	10,60764,38859	10	
52	0	9,37960,14659	8,52841	9,98715,48530	51982	9,39244,66129	9,04823	10,60755,33871	0	8
	10	9,37968,67500	8,52662	9,98714,96548	51993	9,39253,70952	9,04655	10,60746,29048	50	
	20	9,37977,20162	8,52484	9,98714,44555	52003	9,39262,75607	9,04487	10,60737,24393	40	
	30	9,37985,72646	8,52306	9,98713,92552	52014	9,39271,80094	9,04320	10,60728,19906	30	
	40	9,37994,24952	8,52128	9,98713,40538	52025	9,39280,84414	9,04153	10,60719,15586	20	
	50	9,38002,77080	8,51953	9,98712,88513	52036	9,39289,88567	9,03989	10,60710,11433	10	
53	0	9,38011,29033	8,51776	9,98712,36477	52047	9,39298,92556	9,03823	10,60701,07444	0	7
	10	9,38019,80809	8,51597	9,98711,84430	52058	9,39307,96379	9,03655	10,60692,03621	50	
	20	9,38028,32406	8,51419	9,98711,32372	52068	9,39317,00034	9,03487	10,60682,99966	40	
	30	9,38036,83825	8,51243	9,98710,80304	52079	9,39326,03521	9,03322	10,60673,96479	30	
	40	9,38045,35068	8,51065	9,98710,28225	52090	9,39335,06843	9,03155	10,60664,93157	20	
	50	9,38053,86133	8,50891	9,98709,76135	52101	9,39344,09998	9,02992	10,60655,90002	10	
54	0	9,38062,37024	8,50714	9,98709,24034	52112	9,39353,12990	9,02826	10,60646,87010	0	6
	10	9,38070,87738	8,50535	9,98708,71922	52123	9,39362,15816	9,02658	10,60637,84184	50	
	20	9,38079,38273	8,50359	9,98708,19799	52133	9,39371,18474	9,02492	10,60628,81526	40	
	30	9,38087,88632	8,50183	9,98707,67666	52144	9,39380,20966	9,02327	10,60619,79034	30	
	40	9,38096,38815	8,50004	9,98707,15522	52155	9,39389,23293	9,02159	10,60610,76707	20	
	50	9,38104,88819	8,49828	9,98706,63367	52166	9,39398,25452	9,01994	10,60601,74548	10	
55	0	9,38113,38647	8,49652	9,98706,11201	52177	9,39407,27446	9,01829	10,60592,72554	0	5
	10	9,38121,88299	8,49477	9,98705,59024	52188	9,39416,29275	9,01665	10,60583,70725	50	
	20	9,38130,37776	8,49301	9,98705,06836	52198	9,39425,30940	9,01499	10,60574,69060	40	
	30	9,38138,87077	8,49124	9,98704,54638	52209	9,39434,32439	9,01333	10,60565,67561	30	
	40	9,38147,36201	8,48946	9,98704,02429	52220	9,39443,33772	9,01166	10,60556,66228	20	
	50	9,38155,85147	8,48771	9,98703,50209	52231	9,39452,34938	9,01002	10,60547,65062	10	
56	0	9,38164,33918	8,48595	9,98702,97978	52242	9,39461,35940	9,00837	10,60538,64060	0	4
	10	9,38172,82513	8,48418	9,98702,45736	52253	9,39470,36777	9,00671	10,60529,63223	50	
	20	9,38181,30931	8,48244	9,98701,93483	52263	9,39479,37448	9,00507	10,60520,62552	40	
	30	9,38189,79175	8,48069	9,98701,41220	52274	9,39488,37955	9,00343	10,60511,62045	30	
	40	9,38198,27244	8,47891	9,98700,88946	52285	9,39497,38298	9,00176	10,60502,61702	20	
	50	9,38206,75135	8,47715	9,98700,36661	52296	9,39506,38474	9,00011	10,60493,61526	10	
57	0	9,38215,22850	8,47541	9,98699,84365	52307	9,39515,38485	8,99848	10,60484,61515	0	3
	10	9,38223,70391	8,47365	9,98699,32058	52318	9,39524,38333	8,99683	10,60475,61667	50	
	20	9,38232,17756	8,47188	9,98698,79740	52328	9,39533,38016	8,99516	10,60466,61984	40	
	30	9,38240,64944	8,47014	9,98698,27412	52339	9,39542,37532	8,99353	10,60457,62468	30	
	40	9,38249,11958	8,46837	9,98697,75073	52350	9,39551,36885	8,99187	10,60448,63115	20	
	50	9,38257,58795	8,46664	9,98697,22723	52361	9,39560,36072	8,99025	10,60439,63928	10	
58	0	9,38266,05459	8,46489	9,98696,70362	52372	9,39569,35097	8,98861	10,60430,64903	0	2
	10	9,38274,51948	8,46313	9,98696,17990	52383	9,39578,33958	8,98696	10,60421,66042	50	
	20	9,38282,98261	8,46137	9,98695,65607	52393	9,39587,32654	8,98530	10,60412,67346	40	
	30	9,38291,44398	8,45962	9,98695,13214	52404	9,39596,31184	8,98366	10,60403,68816	30	
	40	9,38299,90360	8,45788	9,98694,60810	52415	9,39605,29550	8,98203	10,60394,70450	20	
	50	9,38308,36148	8,45612	9,98694,08395	52426	9,39614,27753	8,98038	10,60385,72247	10	
59	0	9,38316,81760	8,45438	9,98693,55969	52437	9,39623,25791	8,97875	10,60376,74209	0	1
	10	9,38325,27198	8,45263	9,98693,03532	52448	9,39632,23666	8,97711	10,60367,76334	50	
	20	9,38333,72461	8,45089	9,98692,51084	52459	9,39641,21377	8,97548	10,60358,78623	40	
	30	9,38342,17550	8,44913	9,98691,98625	52469	9,39650,18925	8,97382	10,60349,81075	30	
	40	9,38350,62463	8,44739	9,98691,46156	52480	9,39659,16307	8,97219	10,60340,83693	20	
	50	9,38359,07202	8,44565	9,98690,93676	52491	9,39668,13526	8,97056	10,60331,86474	10	
60	0	9,38367,51767	8,44392	9,98690,41185	52502	9,39677,10582	8,96894	10,60322,89418	0	0
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,38367,51767		9,98690,41185		9,39677,10582		10,60322,89418	0	60
	10	9,38375,96159	8,44392	9,98689,88683	52502	9,39686,07476	8,96894	10,60313,92524	50	
	20	9,38384,40375	8,44216	9,98689,36170	52513	9,39695,04205	8,96729	10,60304,95795	40	
	30	9,38392,84416	8,44041	9,98688,83646	52524	9,39704,00770	8,96565	10,60295,99230	30	
	40	9,38401,28283	8,43867	9,98688,31112	52534	9,39712,97171	8,96401	10,60287,02829	20	
	50	9,38409,71975	8,43692	9,98687,78567	52545	9,39721,93408	8,96237	10,60278,06592	10	
1	0	9,38418,15495	8,43520	9,98687,26011	52556	9,39730,89484	8,96076	10,60269,10516	0	59
	10	9,38426,58841	8,43346	9,98686,73444	52567	9,39739,85397	8,95913	10,60260,14603	50	
	20	9,38435,02011	8,43170	9,98686,20866	52578	9,39748,81145	8,95748	10,60251,18855	40	
	30	9,38443,45010	8,42999	9,98685,68277	52589	9,39757,76733	8,95588	10,60242,23267	30	
	40	9,38451,87835	8,42825	9,98685,15677	52600	9,39766,72158	8,95425	10,60233,27842	20	
	50	9,38460,30484	8,42649	9,98684,63067	52610	9,39775,67417	8,95259	10,60224,32583	10	
2	0	9,38468,72960	8,42476	9,98684,10446	52621	9,39784,62514	8,95097	10,60215,37486	0	58
	10	9,38477,15261	8,42301	9,98683,57814	52632	9,39793,57447	8,94933	10,60206,42553	50	
	20	9,38485,57391	8,42130	9,98683,05171	52643	9,39802,52220	8,94773	10,60197,47780	40	
	30	9,38493,99347	8,41956	9,98682,52517	52654	9,39811,46830	8,94610	10,60188,53170	30	
	40	9,38502,41129	8,41782	9,98681,99852	52665	9,39820,41277	8,94447	10,60179,58723	20	
	50	9,38510,82738	8,41609	9,98681,47177	52675	9,39829,35561	8,94284	10,60170,64439	10	
3	0	9,38519,24174	8,41436	9,98680,94491	52686	9,39838,29683	8,94122	10,60161,70317	0	57
	10	9,38527,65436	8,41262	9,98680,41794	52697	9,39847,23642	8,93959	10,60152,76358	50	
	20	9,38536,06525	8,41089	9,98679,89086	52708	9,39856,17439	8,93797	10,60143,82561	40	
	30	9,38544,47442	8,40917	9,98679,36367	52719	9,39865,11075	8,93636	10,60134,88925	30	
	40	9,38552,88180	8,40744	9,98678,83637	52730	9,39874,04549	8,93474	10,60125,95451	20	
	50	9,38561,28757	8,40571	9,98678,30897	52740	9,39882,97860	8,93311	10,60117,02140	10	
4	0	9,38569,69154	8,40397	9,98677,78146	52751	9,39891,91008	8,93148	10,60108,08992	0	56
	10	9,38578,09378	8,40224	9,98677,25384	52762	9,39900,83994	8,92986	10,60099,16006	50	
	20	9,38586,49431	8,40053	9,98676,72611	52773	9,39909,76820	8,92826	10,60090,23180	40	
	30	9,38594,89310	8,39879	9,98676,19827	52784	9,39918,69483	8,92663	10,60081,30517	30	
	40	9,38603,29016	8,39706	9,98675,67032	52795	9,39927,61984	8,92501	10,60072,38016	20	
	50	9,38611,68550	8,39534	9,98675,14226	52806	9,39936,54324	8,92340	10,60063,45676	10	
5	0	9,38620,07912	8,39362	9,98674,61410	52816	9,39945,46502	8,92178	10,60054,53498	0	55
	10	9,38628,47100	8,39188	9,98674,08583	52827	9,39954,38517	8,92015	10,60045,61483	50	
	20	9,38636,86117	8,39017	9,98673,55745	52838	9,39963,30372	8,91855	10,60036,69628	40	
	30	9,38645,24962	8,38845	9,98673,02896	52849	9,39972,22066	8,91694	10,60027,77934	30	
	40	9,38653,63635	8,38673	9,98672,50036	52860	9,39981,13599	8,91533	10,60018,86401	20	
	50	9,38662,02135	8,38500	9,98671,97165	52871	9,39990,04970	8,91371	10,60009,95030	10	
6	0	9,38670,40464	8,38329	9,98671,44283	52882	9,39998,96181	8,91211	10,60001,03819	0	54
	10	9,38678,78621	8,38157	9,98670,91391	52892	9,40007,87230	8,91049	10,59992,12770	50	
	20	9,38687,16605	8,37984	9,98670,38488	52903	9,40016,78117	8,90887	10,59983,21883	40	
	30	9,38695,54417	8,37812	9,98669,85574	52914	9,40025,68843	8,90726	10,59974,31157	30	
	40	9,38703,92058	8,37641	9,98669,32649	52925	9,40034,59409	8,90566	10,59965,40591	20	
	50	9,38712,29526	8,37468	9,98668,79713	52936	9,40043,49813	8,90404	10,59956,50187	10	
7	0	9,38720,66825	8,37299	9,98668,26766	52947	9,40052,40059	8,90246	10,59947,59941	0	53
	10	9,38729,03950	8,37125	9,98667,73808	52958	9,40061,30142	8,90083	10,59938,69858	50	
	20	9,38737,40905	8,36955	9,98667,20840	52968	9,40070,20065	8,89923	10,59929,79935	40	
	30	9,38745,77687	8,36782	9,98666,67861	52979	9,40079,09826	8,89761	10,59920,90174	30	
	40	9,38754,14297	8,36610	9,98666,14871	52990	9,40087,99426	8,89600	10,59912,00574	20	
	50	9,38762,50737	8,36440	9,98665,61870	53001	9,40096,88867	8,89441	10,59903,11133	10	
8	0	9,38770,87006	8,36269	9,98665,08858	53012	9,40105,78148	8,89281	10,59894,21852	0	52
	10	9,38779,23103	8,36097	9,98664,55835	53023	9,40114,67268	8,89120	10,59885,32732	50	
	20	9,38787,59030	8,35927	9,98664,02801	53034	9,40123,56229	8,88961	10,59876,43771	40	
	30	9,38795,94786	8,35756	9,98663,49757	53044	9,40132,45029	8,88800	10,59867,54971	30	
	40	9,38804,30370	8,35584	9,98662,96702	53055	9,40141,33668	8,88639	10,59858,66332	20	
	50	9,38812,65784	8,35414	9,98662,43636	53066	9,40150,22148	8,88480	10,59849,77852	10	
9	0	9,38821,01026	8,35242	9,98661,90559	53077	9,40159,10467	8,88319	10,59840,89533	0	51
	10	9,38829,36097	8,35071	9,98661,37471	53088	9,40167,98626	8,88159	10,59832,01374	50	
	20	9,38837,70998	8,34901	9,98660,84372	53099	9,40176,86626	8,88000	10,59823,13374	40	
	30	9,38846,05728	8,34730	9,98660,31263	53109	9,40185,74465	8,87839	10,59814,25535	30	
	40	9,38854,40287	8,34559	9,98659,78143	53120	9,40194,62144	8,87679	10,59805,37856	20	
	50	9,38862,74677	8,34390	9,98659,25012	53131	9,40203,49665	8,87521	10,59796,50335	10	
10	0	9,38871,08895	8,34218	9,98658,71870	53142	9,40212,37025	8,87360	10,59787,62975	0	50
		Sin. comple.	8,34047	SINVVM	53153	Tang.compl	8,87200	TANGEN.	S	M

M	S	SINVVM. Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,38871,08895	8,34047	9,98658,71870	53153	9,40212,37025	8,87200	10,59787,62975	0	50
	10	9,38879,42942	8,33879	9,98658,18717	53164	9,40221,24225	8,87043	10,59778,75775	50	
	20	9,38887,76821	8,33709	9,98657,65553	53175	9,40230,11268	8,86884	10,59769,88732	40	
	30	9,38896,10530	8,33537	9,98657,12378	53186	9,40238,98152	8,86723	10,59761,01848	30	
	40	9,38904,44067	8,33367	9,98656,59192	53196	9,40247,84875	8,86563	10,59752,15125	20	
	50	9,38912,77434	8,33197	9,98656,05996	53207	9,40256,71438	8,86404	10,59743,28562	10	
11	0	9,38921,10631	8,33026	9,98655,52789	53218	9,40265,57842	8,86244	10,59734,42158	0	49
	10	9,38929,43657	8,32858	9,98654,99571	53229	9,40274,44086	8,86087	10,59725,55914	50	
	20	9,38937,76515	8,32687	9,98654,46342	53240	9,40283,30173	8,85927	10,59716,69827	40	
	30	9,38946,09202	8,32517	9,98653,93102	53251	9,40292,16100	8,85768	10,59707,83900	30	
	40	9,38954,41719	8,32348	9,98653,39851	53261	9,40301,01868	8,85609	10,59698,98132	20	
	50	9,38962,74067	8,32176	9,98652,86590	53272	9,40309,87477	8,85448	10,59690,12523	10	
12	0	9,38971,06243	8,32008	9,98652,33318	53283	9,40318,72925	8,85201	10,59681,27075	0	48
	10	9,38979,38251	8,31838	9,98651,80035	53294	9,40327,58216	8,85132	10,59672,41784	50	
	20	9,38987,70089	8,31670	9,98651,26741	53305	9,40336,43348	8,84975	10,59663,56652	40	
	30	9,38996,01759	8,31501	9,98650,73436	53316	9,40345,28323	8,84817	10,59654,71677	30	
	40	9,39004,33260	8,31330	9,98650,20120	53327	9,40354,13140	8,84657	10,59645,86860	20	
	50	9,39012,64590	8,31162	9,98649,66793	53338	9,40362,97797	8,84500	10,59637,02203	10	
13	0	9,39020,95752	8,30992	9,98649,13455	53348	9,40371,82297	8,84340	10,59628,17703	0	47
	10	9,39029,26744	8,30823	9,98648,60107	53359	9,40380,66637	8,84182	10,59619,33363	50	
	20	9,39037,57567	8,30653	9,98648,06748	53370	9,40389,50819	8,84023	10,59610,49181	40	
	30	9,39045,88220	8,30485	9,98647,53378	53381	9,40398,34842	8,83866	10,59601,65158	30	
	40	9,39054,18705	8,30314	9,98646,99997	53392	9,40407,18708	8,83706	10,59592,81292	20	
	50	9,39062,49019	8,30146	9,98646,46605	53403	9,40416,02414	8,83549	10,59583,97586	10	
14	0	9,39070,79165	8,29977	9,98645,93202	53414	9,40424,85963	8,83391	10,59575,14037	0	46
	10	9,39079,09142	8,29810	9,98645,39788	53425	9,40433,69354	8,83235	10,59566,30646	50	
	20	9,39087,38952	8,29640	9,98644,86363	53435	9,40442,52589	8,83075	10,59557,47411	40	
	30	9,39095,68592	8,29472	9,98644,32928	53446	9,40451,35664	8,82918	10,59548,64336	30	
	40	9,39103,98064	8,29302	9,98643,79482	53457	9,40460,18582	8,82759	10,59539,81418	20	
	50	9,39112,27366	8,29135	9,98643,26025	53468	9,40469,01341	8,82603	10,59530,98659	10	
15	0	9,39120,56501	8,28967	9,98642,72557	53479	9,40477,83944	8,82446	10,59522,16056	0	45
	10	9,39128,85468	8,28797	9,98642,19078	53490	9,40486,66390	8,82287	10,59513,33610	50	
	20	9,39137,14265	8,28629	9,98641,65588	53501	9,40495,48677	8,82130	10,59504,51323	40	
	30	9,39145,42894	8,28461	9,98641,12087	53511	9,40504,30807	8,81972	10,59495,69193	30	
	40	9,39153,71355	8,28293	9,98640,58576	53522	9,40513,12779	8,81815	10,59486,87221	20	
	50	9,39161,99648	8,28124	9,98640,05054	53533	9,40521,94594	8,81657	10,59478,05406	10	
16	0	9,39170,27772	8,27957	9,98639,51521	53545	9,40530,76251	8,81502	10,59469,23749	0	44
	10	9,39178,55729	8,27789	9,98638,97976	53555	9,40539,57753	8,81344	10,59460,42247	50	
	20	9,39186,83518	8,27621	9,98638,44421	53566	9,40548,39097	8,81187	10,59451,60903	40	
	30	9,39195,11139	8,27453	9,98637,90855	53576	9,40557,20284	8,81029	10,59442,79716	30	
	40	9,39203,38592	8,27283	9,98637,37279	53587	9,40566,01313	8,80870	10,59433,98687	20	
	50	9,39211,65875	8,27116	9,98636,83692	53598	9,40574,82183	8,80714	10,59425,17817	10	
17	0	9,39219,92991	8,26947	9,98636,30094	53608	9,40583,62897	8,80555	10,59416,37103	0	43
	10	9,39228,19938	8,26781	9,98635,76486	53620	9,40592,43452	8,80401	10,59407,56548	50	
	20	9,39236,46719	8,26615	9,98635,22866	53631	9,40601,23853	8,80246	10,59398,76147	40	
	30	9,39244,73334	8,26446	9,98634,69235	53642	9,40610,04099	8,80088	10,59389,95901	30	
	40	9,39252,99780	8,26279	9,98634,15593	53653	9,40618,84187	8,79932	10,59381,15813	20	
	50	9,39261,26059	8,26113	9,98633,61940	53664	9,40627,64119	8,79777	10,59372,35881	10	
18	0	9,39269,52172	8,25944	9,98633,08276	53675	9,40636,43896	8,79619	10,59363,56104	0	42
	10	9,39277,78116	8,25777	9,98632,54601	53685	9,40645,23515	8,79462	10,59354,76485	50	
	20	9,39286,03893	8,25611	9,98632,00916	53696	9,40654,02977	8,79307	10,59345,97023	40	
	30	9,39294,29504	8,25442	9,98631,47220	53707	9,40662,82284	8,79149	10,59337,17716	30	
	40	9,39302,54946	8,25276	9,98630,93513	53718	9,40671,61433	8,78994	10,59328,38567	20	
	50	9,39310,80222	8,25110	9,98630,39795	53729	9,40680,40427	8,78839	10,59319,59573	10	
19	0	9,39319,05332	8,24943	9,98629,86066	53740	9,40689,19266	8,78683	10,59310,80734	0	41
	10	9,39327,30275	8,24776	9,98629,32326	53751	9,40697,97949	8,78527	10,59302,02051	50	
	20	9,39335,55051	8,24608	9,98628,78575	53761	9,40706,76476	8,78369	10,59293,23524	40	
	30	9,39343,79659	8,24441	9,98628,24814	53772	9,40715,54845	8,78213	10,59284,45155	30	
	40	9,39352,04100	8,24274	9,98627,71042	53783	9,40724,33058	8,78057	10,59275,66942	20	
	50	9,39360,28374	8,24107	9,98627,17259	53794	9,40733,11115	8,77901	10,59266,88885	10	
20	0	9,39368,52481	8,23940	9,98626,63465	53805	9,40741,89016	8,77745	10,59258,10984	0	40
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
20	0	9,39368,52481	8,23940	9,98626,63465	53805	9,40741,89016	8,77745	10,59258,10984	0	40
	10	9,39376,76421	8,23775	9,98626,09660	53816	9,40750,66761	8,77591	10,59249,33239	50	
	20	9,39385,00196	8,23611	9,98625,55844	53827	9,40759,44352	8,77438	10,59240,55648	40	
	30	9,39393,23807	8,23443	9,98625,02017	53838	9,40768,21790	8,77281	10,59231,78210	30	
	40	9,39401,47250	8,23275	9,98624,48179	53848	9,40776,99071	8,77123	10,59223,00929	20	
	50	9,39409,70525	8,23109	9,98623,94331	53859	9,40785,76194	8,76968	10,59214,23806	10	
21	0	9,39417,93634	8,22944	9,98623,40472	53870	9,40794,53162	8,76814	10,59205,46838	0	39
	10	9,39426,16578	8,22776	9,98622,86602	53881	9,40803,29976	8,76657	10,59196,70024	50	
	20	9,39434,39354	8,22612	9,98622,32721	53892	9,40812,06633	8,76504	10,59187,93367	40	
	30	9,39442,61966	8,22446	9,98621,78829	53903	9,40820,83137	8,76349	10,59179,16863	30	
	40	9,39450,84412	8,22279	9,98621,24926	53914	9,40829,59486	8,76193	10,59170,40514	20	
	50	9,39459,06691	8,22113	9,98620,71012	53924	9,40838,35679	8,76037	10,59161,64321	10	
22	0	9,39467,28804	8,21947	9,98620,17088	53935	9,40847,11716	8,75882	10,59152,88284	0	38
	10	9,39475,50751	8,21781	9,98619,63153	53946	9,40855,87598	8,75727	10,59144,12402	50	
	20	9,39483,72532	8,21616	9,98619,09207	53957	9,40864,63325	8,75573	10,59135,36675	40	
	30	9,39491,94148	8,21452	9,98618,55250	53968	9,40873,38898	8,75420	10,59126,61102	30	
	40	9,39500,15600	8,21285	9,98618,01282	53979	9,40882,14318	8,75264	10,59117,85682	20	
	50	9,39508,36885	8,21120	9,98617,47303	53990	9,40890,89582	8,75110	10,59109,10418	10	
23	0	9,39516,58005	8,20954	9,98616,93313	54001	9,40899,64692	8,74955	10,59100,35308	0	37
	10	9,39524,78959	8,20790	9,98616,39312	54012	9,40908,39647	8,74802	10,59091,60353	50	
	20	9,39532,99749	8,20624	9,98615,85300	54023	9,40917,14449	8,74647	10,59082,85551	40	
	30	9,39541,20373	8,20458	9,98615,31277	54033	9,40925,89096	8,74491	10,59074,10904	30	
	40	9,39549,40831	8,20293	9,98614,77244	54044	9,40934,63587	8,74337	10,59065,36413	20	
	50	9,39557,61124	8,20127	9,98614,23200	54055	9,40943,37924	8,74182	10,59056,62076	10	
24	0	9,39565,81251	8,19963	9,98613,69145	54066	9,40952,12106	8,74029	10,59047,87894	0	36
	10	9,39574,01214	8,19799	9,98613,15079	54077	9,40960,86135	8,73876	10,59039,13865	50	
	20	9,39582,21013	8,19633	9,98612,61002	54088	9,40969,60011	8,73721	10,59030,39989	40	
	30	9,39590,40646	8,19469	9,98612,06914	54099	9,40978,33732	8,73568	10,59021,66268	30	
	40	9,39598,60115	8,19303	9,98611,52815	54109	9,40987,07300	8,73412	10,59012,92700	20	
	50	9,39606,79418	8,19139	9,98610,98706	54120	9,40995,80712	8,73259	10,59004,19288	10	
25	0	9,39614,98557	8,18973	9,98610,44586	54131	9,41004,53971	8,73104	10,58995,46029	0	35
	10	9,39623,17530	8,18810	9,98609,90455	54142	9,41013,27075	8,72952	10,58986,72925	50	
	20	9,39631,36340	8,18646	9,98609,36313	54153	9,41022,00027	8,72799	10,58977,99973	40	
	30	9,39639,54986	8,18481	9,98608,82160	54164	9,41030,72826	8,72645	10,58969,27174	30	
	40	9,39647,73467	8,18315	9,98608,27996	54175	9,41039,45471	8,72490	10,58960,54529	20	
	50	9,39655,91782	8,18152	9,98607,73821	54186	9,41048,17961	8,72338	10,58951,82039	10	
26	0	9,39664,09934	8,17987	9,98607,19635	54197	9,41056,90299	8,72184	10,58943,09701	0	34
	10	9,39672,27921	8,17824	9,98606,65438	54208	9,41065,62483	8,72032	10,58934,37517	50	
	20	9,39680,45745	8,17658	9,98606,11230	54218	9,41074,34515	8,71876	10,58925,65485	40	
	30	9,39688,63403	8,17495	9,98605,57012	54229	9,41083,06391	8,71724	10,58916,93609	30	
	40	9,39696,80898	8,17330	9,98605,02783	54240	9,41091,78115	8,71570	10,58908,21885	20	
	50	9,39704,98228	8,17166	9,98604,48543	54251	9,41100,49685	8,71417	10,58899,50315	10	
27	0	9,39713,15394	8,17004	9,98603,94292	54262	9,41109,21102	8,71266	10,58890,78898	0	33
	10	9,39721,32398	8,16838	9,98603,40030	54273	9,41117,92368	8,71111	10,58882,07632	50	
	20	9,39729,49236	8,16675	9,98602,85757	54284	9,41126,63479	8,70959	10,58873,36521	40	
	30	9,39737,65911	8,16511	9,98602,31473	54294	9,41135,34438	8,70805	10,58864,65562	30	
	40	9,39745,82422	8,16347	9,98601,77179	54305	9,41144,05243	8,70652	10,58855,94757	20	
	50	9,39753,98769	8,16184	9,98601,22874	54316	9,41152,75895	8,70500	10,58847,24105	10	
28	0	9,39762,14953	8,16021	9,98600,68558	54327	9,41161,46395	8,70348	10,58838,53605	0	32
	10	9,39770,30974	8,15856	9,98600,14231	54338	9,41170,16743	8,70194	10,58829,83257	50	
	20	9,39778,46830	8,15694	9,98599,59893	54349	9,41178,86937	8,70043	10,58821,13063	40	
	30	9,39786,62524	8,15531	9,98599,05544	54360	9,41187,56980	8,69891	10,58812,43020	30	
	40	9,39794,78055	8,15368	9,98598,51184	54371	9,41196,26871	8,69739	10,58803,73129	20	
	50	9,39802,93423	8,15202	9,98597,96813	54382	9,41204,96610	8,69584	10,58795,03390	10	
29	0	9,39811,08625	8,15040	9,98597,42431	54393	9,41213,66194	8,69433	10,58786,33806	0	31
	10	9,39819,23665	8,14877	9,98596,88038	54403	9,41222,35627	8,69280	10,58777,64373	50	
	20	9,39827,38542	8,14715	9,98596,33635	54414	9,41231,04907	8,69129	10,58768,95093	40	
	30	9,39835,53257	8,14552	9,98595,79221	54425	9,41239,74036	8,68977	10,58760,25964	30	
	40	9,39843,67809	8,14387	9,98595,24796	54436	9,41248,43013	8,68823	10,58751,56987	20	
	50	9,39851,82196	8,14225	9,98594,70360	54447	9,41257,11836	8,68672	10,58742,88164	10	
30	0	9,39859,96421	8,14063	9,98594,15913	54458	9,41265,80508	8,68521	10,58734,19492	0	30
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,39859,96421	8,14063	9,98594,15913	54458	9,41265,80508	8,68521	10,58734,19492	0	30
	10	9,39868,10484	8,13899	9,98593,61455	54469	9,41274,49029	8,68368	10,58725,50971	50	
	20	9,39876,24383	8,13737	9,98593,06986	54480	9,41283,17397	8,68217	10,58716,82603	40	
	30	9,39884,38120	8,13575	9,98592,52506	54491	9,41291,85614	8,68066	10,58708,14386	30	
	40	9,39892,51695	8,13411	9,98591,98015	54501	9,41300,53680	8,67912	10,58699,46320	20	
	50	9,39900,65106	8,13249	9,98591,43514	54512	9,41309,21592	8,67761	10,58690,78408	10	
31	0	9,39908,78355	8,13085	9,98590,89002	54522	9,41317,89353	8,67607	10,58682,10647	0	29
	10	9,39916,91440	8,12924	9,98590,34480	54534	9,41326,56960	8,67458	10,58673,43040	50	
	20	9,39925,04364	8,12762	9,98589,79946	54545	9,41335,24418	8,67307	10,58664,75582	40	
	30	9,39933,17126	8,12601	9,98589,25401	54556	9,41343,91725	8,67157	10,58656,08275	30	
	40	9,39941,29727	8,12438	9,98588,70845	54567	9,41352,58882	8,67005	10,58647,41118	20	
	50	9,39949,42165	8,12275	9,98588,16278	54578	9,41361,25887	8,66853	10,58638,74113	10	
32	0	9,39957,54440	8,12114	9,98587,61700	54589	9,41369,92740	8,66703	10,58630,07260	0	28
	10	9,39965,66554	8,11952	9,98587,07111	54600	9,41378,59443	8,66552	10,58621,40557	50	
	20	9,39973,78506	8,11787	9,98586,52511	54610	9,41387,25995	8,66397	10,58612,74005	40	
	30	9,39981,90293	8,11628	9,98585,97901	54621	9,41395,92392	8,66249	10,58604,07608	30	
	40	9,39990,01921	8,11464	9,98585,43280	54632	9,41404,58641	8,66096	10,58595,41359	20	
	50	9,39998,13385	8,11305	9,98584,88648	54643	9,41413,24737	8,65948	10,58586,75263	10	
33	0	9,40006,24690	8,11143	9,98584,34005	54654	9,41421,90685	8,65797	10,58578,09315	0	27
	10	9,40014,35833	8,10980	9,98583,79351	54665	9,41430,56482	8,65645	10,58569,43518	50	
	20	9,40022,46813	8,10818	9,98583,24686	54676	9,41439,22127	8,65494	10,58560,77873	40	
	30	9,40030,57631	8,10657	9,98582,70010	54687	9,41447,87621	8,65344	10,58552,12379	30	
	40	9,40038,68288	8,10494	9,98582,15323	54697	9,41456,52965	8,65191	10,58543,47035	20	
	50	9,40046,78782	8,10334	9,98581,60626	54708	9,41465,18156	8,65042	10,58534,81844	10	
34	0	9,40054,89116	8,10174	9,98581,05918	54720	9,41473,83198	8,64894	10,58526,16802	0	26
	10	9,40062,99290	8,10011	9,98580,51198	54730	9,41482,48092	8,64741	10,58517,51908	50	
	20	9,40071,09301	8,09850	9,98579,96468	54741	9,41491,12833	8,64591	10,58508,87167	40	
	30	9,40079,19151	8,09688	9,98579,41727	54752	9,41499,77424	8,64440	10,58500,22576	30	
	40	9,40087,28839	8,09529	9,98578,86975	54763	9,41508,41864	8,64292	10,58491,58136	20	
	50	9,40095,38368	8,09367	9,98578,32212	54774	9,41517,06156	8,64141	10,58482,93844	10	
35	0	9,40103,47735	8,09205	9,98577,77438	54785	9,41525,70297	8,63990	10,58474,29703	0	25
	10	9,40111,56940	8,09046	9,98577,22653	54796	9,41534,34287	8,63842	10,58465,65713	50	
	20	9,40119,65986	8,08884	9,98576,67857	54807	9,41542,98129	8,63691	10,58457,01871	40	
	30	9,40127,74870	8,08722	9,98576,13050	54817	9,41551,61820	8,63539	10,58448,38180	30	
	40	9,40135,83592	8,08563	9,98575,58233	54828	9,41560,25359	8,63391	10,58439,74641	20	
	50	9,40143,92155	8,08401	9,98575,03405	54839	9,41568,88750	8,63240	10,58431,11250	10	
36	0	9,40152,00556	8,08239	9,98574,48566	54849	9,41577,51990	8,63088	10,58422,48010	0	24
	10	9,40160,08795	8,08081	9,98573,93717	54861	9,41586,15078	8,62942	10,58413,84922	50	
	20	9,40168,16876	8,07920	9,98573,38856	54872	9,41594,78020	8,62792	10,58405,21980	40	
	30	9,40176,24796	8,07758	9,98572,83984	54883	9,41603,40812	8,62641	10,58396,59188	30	
	40	9,40184,32554	8,07600	9,98572,29101	54894	9,41612,03453	8,62494	10,58387,96547	20	
	50	9,40192,40154	8,07440	9,98571,74207	54905	9,41620,65947	8,62345	10,58379,34053	10	
37	0	9,40200,47594	8,07279	9,98571,19302	54916	9,41629,28292	8,62195	10,58370,71708	0	23
	10	9,40208,54873	8,07119	9,98570,64386	54927	9,41637,90487	8,62046	10,58362,09513	50	
	20	9,40216,61992	8,06957	9,98570,09459	54937	9,41646,52533	8,61894	10,58353,47467	40	
	30	9,40224,68949	8,06796	9,98569,54522	54948	9,41655,14427	8,61744	10,58344,85573	30	
	40	9,40232,75745	8,06639	9,98568,99574	54959	9,41663,76171	8,61598	10,58336,23829	20	
	50	9,40240,82384	8,06478	9,98568,44615	54970	9,41672,37769	8,61448	10,58327,62231	10	
38	0	9,40248,88862	8,06318	9,98567,89645	54981	9,41680,99217	8,61299	10,58319,00783	0	22
	10	9,40256,95180	8,06156	9,98567,34664	54992	9,41689,60516	8,61148	10,58310,39484	50	
	20	9,40265,01336	8,05998	9,98566,79672	55003	9,41698,21664	8,61001	10,58301,78336	40	
	30	9,40273,07334	8,05839	9,98566,24669	55014	9,41706,82665	8,60853	10,58293,17335	30	
	40	9,40281,13173	8,05677	9,98565,69655	55024	9,41715,43518	8,60701	10,58284,56482	20	
	50	9,40289,18850	8,05520	9,98565,14631	55035	9,41724,04219	8,60555	10,58275,95781	10	
39	0	9,40297,24370	8,05359	9,98564,59596	55046	9,41732,64774	8,60405	10,58267,35226	0	21
	10	9,40305,29729	8,05201	9,98564,04550	55057	9,41741,25179	8,60258	10,58258,74821	50	
	20	9,40313,34930	8,05040	9,98563,49493	55068	9,41749,85437	8,60108	10,58250,14563	40	
	30	9,40321,39970	8,04880	9,98562,94425	55079	9,41758,45545	8,59959	10,58241,54455	30	
	40	9,40329,44850	8,04722	9,98562,39346	55090	9,41767,05504	8,59812	10,58232,94496	20	
	50	9,40337,49572	8,04562	9,98561,84256	55101	9,41775,65316	8,59663	10,58224,34684	10	
40	0	9,40345,54134	8,04402	9,98561,29155	55112	9,41784,24979	8,59514	10,58215,75021	0	20
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin.comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
40	0	9,40345,54134		9,98561,29155		9,41784,24979		10,58215,75021	0	20
	10	9,40353,58536	8,04402	9,98560,74043	55112	9,41792,84493	8,59514	10,58207,15507	50	
	20	9,40361,62781	8,04245	9,98560,18920	55123	9,41801,43861	8,59368	10,58198,56139	40	
	30	9,40369,66866	8,04085	9,98559,63786	55134	9,41810,03080	8,59219	10,58189,96920	30	
	40	9,40377,70792	8,03926	9,98559,08641	55145	9,41818,62151	8,59071	10,58181,37849	20	
	50	9,40385,74558	8,03766	9,98558,53486	55155	9,41827,21072	8,58921	10,58172,78928	10	
41	0	9,40393,78167	8,03609	9,98557,98320	55166	9,41835,79847	8,58775	10,58164,20153	0	19
	10	9,40401,81616	8,03449	9,98557,43143	55177	9,41844,38473	8,58626	10,58155,61527	50	
	20	9,40409,84905	8,03289	9,98556,87955	55188	9,41852,96950	8,58477	10,58147,03050	40	
	30	9,40417,88037	8,03132	9,98556,32756	55199	9,41861,55281	8,58331	10,58138,44719	30	
	40	9,40425,91008	8,02971	9,98555,77546	55210	9,41870,13462	8,58181	10,58129,86538	20	
	50	9,40433,93822	8,02814	9,98555,22325	55221	9,41878,71497	8,58035	10,58121,28503	10	
42	0	9,40441,96479	8,02657	9,98554,67093	55232	9,41887,29386	8,57889	10,58112,70614	0	18
	10	9,40449,98977	8,02498	9,98554,11850	55243	9,41895,87127	8,57741	10,58104,12873	50	
	20	9,40458,01315	8,02338	9,98553,56596	55254	9,41904,44719	8,57592	10,58095,55281	40	
	30	9,40466,03495	8,02180	9,98553,01331	55265	9,41913,02164	8,57445	10,58086,97836	30	
	40	9,40474,05515	8,02020	9,98552,46056	55275	9,41921,59459	8,57295	10,58078,40541	20	
	50	9,40482,07379	8,01864	9,98551,90770	55286	9,41930,16609	8,57150	10,58069,83391	10	
43	0	9,40490,09084	8,01705	9,98551,35473	55297	9,41938,73611	8,57002	10,58061,26389	0	17
	10	9,40498,10630	8,01546	9,98550,80165	55308	9,41947,30465	8,56854	10,58052,69535	50	
	20	9,40506,12020	8,01390	9,98550,24846	55319	9,41955,87174	8,56709	10,58044,12826	40	
	30	9,40514,13250	8,01230	9,98549,69516	55330	9,41964,43734	8,56560	10,58035,56266	30	
	40	9,40522,14322	8,01072	9,98549,14175	55341	9,41973,00147	8,56413	10,58026,99853	20	
	50	9,40530,15238	8,00916	9,98548,58823	55352	9,41981,56415	8,56268	10,58018,43585	10	
44	0	9,40538,15996	8,00758	9,98548,03460	55363	9,41990,12536	8,56121	10,58009,87464	0	16
	10	9,40546,16594	8,00598	9,98547,48086	55374	9,41998,68508	8,55972	10,58001,31492	50	
	20	9,40554,17035	8,00441	9,98546,92701	55385	9,42007,24334	8,55826	10,57992,75666	40	
	30	9,40562,17320	8,00285	9,98546,37305	55396	9,42015,80015	8,55681	10,57984,19985	30	
	40	9,40570,17445	8,00125	9,98545,81899	55406	9,42024,35546	8,55531	10,57975,64454	20	
	50	9,40578,17414	7,99969	9,98545,26482	55417	9,42032,90932	8,55386	10,57967,09068	10	
45	0	9,40586,17224	7,99810	9,98544,71054	55428	9,42041,46170	8,55238	10,57958,53830	0	15
	10	9,40594,16876	7,99652	9,98544,15616	55438	9,42050,01260	8,55090	10,57949,98740	50	
	20	9,40602,16372	7,99496	9,98543,60166	55450	9,42058,56206	8,54946	10,57941,43794	40	
	30	9,40610,15712	7,99340	9,98543,04705	55461	9,42067,11007	8,54801	10,57932,88993	30	
	40	9,40618,14894	7,99182	9,98542,49233	55472	9,42075,65661	8,54654	10,57924,34339	20	
	50	9,40626,13918	7,99024	9,98541,93750	55483	9,42084,20168	8,54507	10,57915,79832	10	
46	0	9,40634,12786	7,98868	9,98541,38256	55494	9,42092,74530	8,54362	10,57907,25470	0	14
	10	9,40642,11496	7,98710	9,98540,82751	55505	9,42101,28745	8,54215	10,57898,71255	50	
	20	9,40650,10049	7,98553	9,98540,27235	55516	9,42109,82814	8,54069	10,57890,17186	40	
	30	9,40658,08444	7,98395	9,98539,71708	55527	9,42118,36736	8,53922	10,57881,63264	30	
	40	9,40666,06682	7,98238	9,98539,16171	55537	9,42126,90511	8,53775	10,57873,09489	20	
	50	9,40674,04764	7,98082	9,98538,60623	55548	9,42135,44141	8,53630	10,57864,55859	10	
47	0	9,40682,02689	7,97925	9,98538,05064	55559	9,42143,97625	8,53484	10,57856,02375	0	13
	10	9,40690,00458	7,97769	9,98537,49494	55570	9,42152,50964	8,53339	10,57847,49036	50	
	20	9,40697,98069	7,97611	9,98536,93913	55581	9,42161,04156	8,53192	10,57838,95844	40	
	30	9,40705,95524	7,97455	9,98536,38321	55592	9,42169,57203	8,53047	10,57830,42797	30	
	40	9,40713,92821	7,97297	9,98535,82718	55603	9,42178,10103	8,52900	10,57821,89897	20	
	50	9,40721,89963	7,97142	9,98535,27104	55614	9,42186,62859	8,52756	10,57813,37141	10	
48	0	9,40729,86949	7,96986	9,98534,71479	55625	9,42195,15470	8,52611	10,57804,84530	0	12
	10	9,40737,83778	7,96829	9,98534,15843	55636	9,42203,67935	8,52465	10,57796,32065	50	
	20	9,40745,80450	7,96672	9,98533,60196	55647	9,42212,20254	8,52319	10,57787,79746	40	
	30	9,40753,76967	7,96517	9,98533,04538	55658	9,42220,72429	8,52175	10,57779,27571	30	
	40	9,40761,73326	7,96359	9,98532,48870	55668	9,42229,24456	8,52027	10,57770,75544	20	
	50	9,40769,69529	7,96203	9,98531,93191	55679	9,42237,76338	8,51882	10,57762,23662	10	
49	0	9,40777,65577	7,96048	9,98531,37501	55690	9,42246,28076	8,51738	10,57753,71924	0	11
	10	9,40785,61469	7,95892	9,98530,81800	55701	9,42254,79669	8,51593	10,57745,20331	50	
	20	9,40793,57205	7,95736	9,98530,26088	55712	9,42263,31117	8,51448	10,57736,68883	40	
	30	9,40801,52783	7,95578	9,98529,70365	55723	9,42271,82418	8,51301	10,57728,17582	30	
	40	9,40809,48206	7,95423	9,98529,14631	55734	9,42280,33575	8,51157	10,57719,66425	20	
	50	9,40817,43474	7,95268	9,98528,58886	55745	9,42288,84588	8,51013	10,57711,15412	10	
50	0	9,40825,38586	7,95112	9,98528,03130	55756	9,42297,35456	8,50868	10,57702,64544	0	10
		Sin. comple.	7,94957	SINVVM	55767	Tang.compl	8,50724	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. complem. Logarithmi.	S	M
50	0	9,40825,38586	7,94957	9,98528,03130	55767	9,42297,35456	8,50724	10,57702,64544	0	10
	10	9,40833,33543	7,94801	9,98527,47363	55778	9,42305,86180	8,50579	10,57694,13820	50	
	20	9,40841,28344	7,94645	9,98526,91585	55789	9,42314,36759	8,50434	10,57685,63241	40	
	30	9,40849,22989	7,94489	9,98526,35796	55799	9,42322,87193	8,50288	10,57677,12807	30	
	40	9,40857,17478	7,94332	9,98525,79997	55810	9,42331,37481	8,50142	10,57668,62519	20	
	50	9,40865,11810	7,94177	9,98525,24187	55821	9,42339,87623	8,49998	10,57660,12377	10	
51	0	9,40873,05987	7,94023	9,98524,68366	55833	9,42348,37621	8,49856	10,57651,62379	0	9
	10	9,40881,00010	7,93868	9,98524,12533	55843	9,42356,87477	8,49711	10,57643,12523	50	
	20	9,40888,93878	7,93712	9,98523,56690	55854	9,42365,37188	8,49566	10,57634,62812	40	
	30	9,40896,87590	7,93557	9,98523,00836	55865	9,42373,86754	8,49422	10,57626,13246	30	
	40	9,40904,81147	7,93402	9,98522,44971	55876	9,42382,36176	8,49278	10,57617,63824	20	
	50	9,40912,74549	7,93246	9,98521,89095	55887	9,42390,85454	8,49133	10,57609,14546	10	
52	0	9,40920,67795	7,93091	9,98521,33208	55898	9,42399,34587	8,48989	10,57600,65413	0	8
	10	9,40928,60886	7,92937	9,98520,77310	55909	9,42407,83576	8,48846	10,57592,16424	50	
	20	9,40936,53823	7,92782	9,98520,21401	55920	9,42416,32422	8,48702	10,57583,67578	40	
	30	9,40944,46605	7,92627	9,98519,65481	55931	9,42424,81124	8,48558	10,57575,18876	30	
	40	9,40952,39232	7,92472	9,98519,09550	55941	9,42433,29682	8,48413	10,57566,70318	20	
	50	9,40960,31704	7,92316	9,98518,53609	55952	9,42441,78095	8,48268	10,57558,21905	10	
53	0	9,40968,24020	7,92162	9,98517,97657	55964	9,42450,26363	8,48126	10,57549,73637	0	7
	10	9,40976,16182	7,92007	9,98517,41693	55974	9,42458,74489	8,47981	10,57541,25511	50	
	20	9,40984,08189	7,91853	9,98516,85719	55985	9,42467,22470	8,47838	10,57532,77530	40	
	30	9,40992,00042	7,91700	9,98516,29734	55996	9,42475,70308	8,47696	10,57524,29692	30	
	40	9,40999,91742	7,91544	9,98515,73738	56007	9,42484,18004	8,47551	10,57515,81996	20	
	50	9,41007,83286	7,91388	9,98515,17731	56018	9,42492,65555	8,47406	10,57507,34445	10	
54	0	9,41015,74674	7,91233	9,98514,61713	56028	9,42501,12961	8,47261	10,57498,87039	0	6
	10	9,41023,65907	7,91081	9,98514,05685	56040	9,42509,60222	8,47121	10,57490,39778	50	
	20	9,41031,56988	7,90927	9,98513,49645	56051	9,42518,07343	8,46978	10,57481,92657	40	
	30	9,41039,47915	7,90772	9,98512,93594	56062	9,42526,54321	8,46834	10,57473,45679	30	
	40	9,41047,38687	7,90618	9,98512,37532	56073	9,42535,01155	8,46691	10,57464,98845	20	
	50	9,41055,29305	7,90466	9,98511,81459	56084	9,42543,47846	8,46550	10,57456,52154	10	
55	0	9,41063,19771	7,90310	9,98511,25375	56095	9,42551,94396	8,46405	10,57448,05604	0	5
	10	9,41071,10081	7,90156	9,98510,69280	56106	9,42560,40801	8,46262	10,57439,59199	50	
	20	9,41079,00237	7,90002	9,98510,13174	56116	9,42568,87063	8,46118	10,57431,12937	40	
	30	9,41086,90239	7,89848	9,98509,57058	56127	9,42577,33181	8,45975	10,57422,66819	30	
	40	9,41094,80087	7,89694	9,98509,00931	56138	9,42585,79156	8,45832	10,57414,20844	20	
	50	9,41102,69781	7,89540	9,98508,44793	56149	9,42594,24988	8,45689	10,57405,75012	10	
56	0	9,41110,59321	7,89388	9,98507,88644	56161	9,42602,70677	8,45549	10,57397,29323	0	4
	10	9,41118,48709	7,89233	9,98507,32483	56171	9,42611,16226	8,45404	10,57388,83774	50	
	20	9,41126,37942	7,89079	9,98506,76312	56182	9,42619,61630	8,45261	10,57380,38370	40	
	30	9,41134,27021	7,88926	9,98506,20130	56193	9,42628,06891	8,45119	10,57371,93109	30	
	40	9,41142,15947	7,88773	9,98505,63937	56204	9,42636,52010	8,44977	10,57363,47990	20	
	50	9,41150,04720	7,88619	9,98505,07733	56215	9,42644,96987	8,44834	10,57355,03013	10	
57	0	9,41157,93339	7,88465	9,98504,51518	56226	9,42653,41821	8,44691	10,57346,58179	0	3
	10	9,41165,81804	7,88314	9,98503,95292	56237	9,42661,86512	8,44551	10,57338,13488	50	
	20	9,41173,70118	7,88159	9,98503,39055	56248	9,42670,31063	8,44407	10,57329,68937	40	
	30	9,41181,58277	7,88004	9,98502,82807	56258	9,42678,75470	8,44262	10,57321,24530	30	
	40	9,41189,46281	7,87853	9,98502,26549	56269	9,42687,19732	8,44122	10,57312,80268	20	
	50	9,41197,34134	7,87699	9,98501,70280	56280	9,42695,63854	8,43979	10,57304,36146	10	
58	0	9,41205,21833	7,87548	9,98501,14000	56292	9,42704,07833	8,43840	10,57295,92167	0	2
	10	9,41213,09381	7,87394	9,98500,57708	56303	9,42712,51673	8,43697	10,57287,48327	50	
	20	9,41220,96775	7,87239	9,98500,01405	56313	9,42720,95370	8,43552	10,57279,04630	40	
	30	9,41228,84014	7,87087	9,98499,45092	56324	9,42729,38922	8,43411	10,57270,61078	30	
	40	9,41236,71101	7,86936	9,98498,88768	56335	9,42737,82333	8,43271	10,57262,17667	20	
	50	9,41244,58037	7,86782	9,98498,32433	56346	9,42746,25604	8,43128	10,57253,74396	10	
59	0	9,41252,44819	7,86628	9,98497,76087	56356	9,42754,68732	8,42984	10,57245,31268	0	1
	10	9,41260,31447	7,86476	9,98497,19731	56368	9,42763,11716	8,42844	10,57236,88284	50	
	20	9,41268,17923	7,86324	9,98496,63363	56379	9,42771,54560	8,42703	10,57228,45440	40	
	30	9,41276,04247	7,86171	9,98496,06984	56390	9,42779,97263	8,42561	10,57220,02737	30	
	40	9,41283,90418	7,86018	9,98495,50594	56401	9,42788,39824	8,42419	10,57211,60176	20	
	50	9,41291,76436	7,85869	9,98494,94193	56412	9,42796,82243	8,42281	10,57203,17757	10	
60	0	9,41299,62305	7,85715	9,98494,37781	56423	9,42805,24524	8,42138	10,57194,75476	0	0
		Sin. complem		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi	Diff.	TANGEN. Logarithmi.	Differ. communes	Tang complem Logarithmi.	S	M
0	0	9,41299,62305	7,85715	9,98494,37781	56423	9,42805,24524	8,42138	10,57194,75476	0	60
	10	9,41307,48020	7,85563	9,98493,81358	56434	9,42813,66662	8,41997	10,57186,33338	50	
	20	9,41315,33583	7,85409	9,98493,24924	56445	9,42822,08659	8,41854	10,57177,91341	40	
	30	9,41323,18992	7,85257	9,98492,68479	56455	9,42830,50513	8,41712	10,57169,49487	30	
	40	9,41331,04249	7,85104	9,98492,12024	56466	9,42838,92225	8,41570	10,57161,07775	20	
	50	9,41338,89353	7,84953	9,98491,55558	56477	9,42847,33795	8,41430	10,57152,66205	10	
1	0	9,41346,74306	7,84802	9,98490,99081	56489	9,42855,75225	8,41291	10,57144,24775	0	59
	10	9,41354,59108	7,84648	9,98490,42592	56499	9,42864,16516	8,41147	10,57135,83484	50	
	20	9,41362,43756	7,84497	9,98490,86093	56510	9,42872,57663	8,41007	10,57127,42337	40	
	30	9,41370,28253	7,84345	9,98489,29583	56521	9,42880,98670	8,40866	10,57119,01330	30	
	40	9,41378,12598	7,84194	9,98488,73062	56532	9,42889,39536	8,40726	10,57110,60464	20	
	50	9,41385,96792	7,84041	9,98488,16530	56543	9,42897,80262	8,40584	10,57102,19738	10	
2	0	9,41393,80833	7,83889	9,98487,59987	56554	9,42906,20846	8,40443	10,57093,79154	0	58
	10	9,41401,64722	7,83739	9,98487,03433	56565	9,42914,61289	8,40304	10,57085,38711	50	
	20	9,41409,48461	7,83587	9,98486,46868	56576	9,42923,01593	8,40163	10,57076,98407	40	
	30	9,41417,32048	7,83437	9,98485,90292	56587	9,42931,41756	8,40024	10,57068,58244	30	
	40	9,41425,15485	7,83283	9,98485,33705	56598	9,42939,81780	8,39881	10,57060,18220	20	
	50	9,41432,98768	7,83132	9,98484,77107	56609	9,42948,21661	8,39741	10,57051,78339	10	
3	0	9,41440,81900	7,82980	9,98484,20498	56620	9,42956,61402	8,39600	10,57043,38598	0	57
	10	9,41448,64880	7,82831	9,98483,63878	56631	9,42965,01002	8,39462	10,57034,98998	50	
	20	9,41456,47711	7,82678	9,98483,07247	56642	9,42973,40464	8,39320	10,57026,59536	40	
	30	9,41464,30389	7,82526	9,98482,50605	56652	9,42981,79784	8,39178	10,57018,20216	30	
	40	9,41472,12915	7,82376	9,98481,93953	56663	9,42990,18962	8,39039	10,57009,81038	20	
	50	9,41479,95291	7,82224	9,98481,37290	56674	9,42998,58001	8,38898	10,57001,41999	10	
4	0	9,41487,77515	7,82073	9,98480,80616	56685	9,43006,96899	8,38758	10,56993,03101	0	56
	10	9,41495,59588	7,81923	9,98480,23931	56697	9,43015,35657	8,38620	10,56984,64343	50	
	20	9,41503,41511	7,81772	9,98479,67234	56707	9,43023,74277	8,38479	10,56976,25723	40	
	30	9,41511,23283	7,81620	9,98479,10527	56718	9,43032,12756	8,38338	10,56967,87244	30	
	40	9,41519,04903	7,81469	9,98478,53809	56729	9,43040,51094	8,38198	10,56959,48906	20	
	50	9,41526,86372	7,81319	9,98477,97080	56740	9,43048,89292	8,38059	10,56951,10708	10	
5	0	9,41534,67691	7,81169	9,98477,40340	56751	9,43057,27351	8,37920	10,56942,72649	0	55
	10	9,41542,48860	7,81017	9,98476,83589	56762	9,43065,65271	8,37779	10,56934,34729	50	
	20	9,41550,29877	7,80867	9,98476,26827	56773	9,43074,03050	8,37640	10,56925,96950	40	
	30	9,41558,10744	7,80718	9,98475,70054	56784	9,43082,40690	8,37502	10,56917,59310	30	
	40	9,41565,91462	7,80565	9,98475,13270	56795	9,43090,78192	8,37360	10,56909,21808	20	
	50	9,41573,72027	7,80414	9,98474,56475	56806	9,43099,15552	8,37220	10,56900,84448	10	
6	0	9,41581,52441	7,80265	9,98473,99669	56817	9,43107,52772	8,37082	10,56892,47228	0	54
	10	9,41589,32706	7,80115	9,98473,42852	56828	9,43115,89854	8,36943	10,56884,10146	50	
	20	9,41597,12821	7,79965	9,98472,86024	56839	9,43124,26797	8,36804	10,56875,73203	40	
	30	9,41604,92786	7,79814	9,98472,29185	56849	9,43132,63601	8,36663	10,56867,36399	30	
	40	9,41612,72600	7,79662	9,98471,72336	56860	9,43141,00264	8,36522	10,56858,99736	20	
	50	9,41620,52262	7,79513	9,98471,15476	56871	9,43149,36786	8,36384	10,56850,63214	10	
7	0	9,41628,31775	7,79364	9,98470,58605	56882	9,43157,73170	8,36246	10,56842,26830	0	53
	10	9,41636,11139	7,79214	9,98470,01723	56894	9,43166,09416	8,36108	10,56833,90584	50	
	20	9,41643,90353	7,79064	9,98469,44829	56905	9,43174,45524	8,35969	10,56825,54476	40	
	30	9,41651,69417	7,78913	9,98468,87924	56915	9,43182,81493	8,35828	10,56817,18507	30	
	40	9,41659,48330	7,78765	9,98468,31009	56926	9,43191,17321	8,35691	10,56808,82679	20	
	50	9,41667,27095	7,78613	9,98467,74083	56937	9,43199,53012	8,35549	10,56800,46988	10	
8	0	9,41675,05708	7,78464	9,98467,17146	56949	9,43207,88561	8,35414	10,56792,11439	0	52
	10	9,41682,84172	7,78314	9,98466,60197	56959	9,43216,23975	8,35273	10,56783,76025	50	
	20	9,41690,62486	7,78165	9,98466,03238	56970	9,43224,59248	8,35135	10,56775,40752	40	
	30	9,41698,40651	7,78015	9,98465,46268	56981	9,43232,94383	8,34996	10,56767,05617	30	
	40	9,41706,18666	7,77865	9,98464,89287	56992	9,43241,29379	8,34857	10,56758,70621	20	
	50	9,41713,96531	7,77716	9,98464,32295	57003	9,43249,64236	8,34719	10,56750,35764	10	
9	0	9,41721,74247	7,77565	9,98463,75292	57013	9,43257,98955	8,34578	10,56742,01045	0	51
	10	9,41729,51812	7,77418	9,98463,18279	57025	9,43266,33533	8,34443	10,56733,66467	50	
	20	9,41737,29230	7,77268	9,98462,61254	57036	9,43274,67976	8,34304	10,56725,32024	40	
	30	9,41745,06498	7,77120	9,98462,04218	57047	9,43283,02280	8,34167	10,56716,97720	30	
	40	9,41752,83618	7,76969	9,98461,47171	57058	9,43291,36447	8,34027	10,56708,63553	20	
	50	9,41760,60587	7,76820	9,98460,90113	57069	9,43299,70474	8,33889	10,56700,29526	10	
10	0	9,41768,37407	7,76672	9,98460,33044	57080	9,43308,04363	8,33752	10,56691,95637	0	50
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,41768,37407	7,76672	9,98460,33044	57080	9,43308,04363	8,33752	10,56691,95637	0	50
	10	9,41776,14079	7,76522	9,98459,75964	57091	9,43316,38115	8,33613	10,56683,61885	50	
	20	9,41783,90601	7,76373	9,98459,18873	57102	9,43324,71728	8,33475	10,56675,28272	40	
	30	9,41791,66974	7,76224	9,98458,61771	57112	9,43333,05203	8,33336	10,56666,94797	30	
	40	9,41799,43198	7,76073	9,98458,04659	57123	9,43341,38539	8,33196	10,56658,61461	20	
	50	9,41807,19271	7,75926	9,98457,47536	57134	9,43349,71735	8,33060	10,56650,28265	10	
11	0	9,41814,95197	7,75779	9,98456,90402	57146	9,43358,04795	8,32925	10,56641,95205	0	49
	10	9,41822,70976	7,75628	9,98456,33256	57156	9,43366,37720	8,32784	10,56633,62280	50	
	20	9,41830,46604	7,75479	9,98455,76100	57167	9,43374,70504	8,32646	10,56625,29496	40	
	30	9,41838,22083	7,75331	9,98455,18933	57178	9,43383,03150	8,32509	10,56616,96850	30	
	40	9,41845,97414	7,75183	9,98454,61755	57189	9,43391,35659	8,32372	10,56608,64341	20	
	50	9,41853,72597	7,75034	9,98454,04566	57201	9,43399,68031	8,32235	10,56600,31969	10	
12	0	9,41861,47631	7,74886	9,98453,47365	57211	9,43408,00266	8,32097	10,56591,99734	0	48
	10	9,41869,22517	7,74736	9,98452,90154	57222	9,43416,32363	8,31958	10,56583,67637	50	
	20	9,41876,97253	7,74588	9,98452,32932	57233	9,43424,64321	8,31821	10,56575,35679	40	
	30	9,41884,71841	7,74440	9,98451,75699	57244	9,43432,96142	8,31684	10,56567,03858	30	
	40	9,41892,46281	7,74293	9,98451,18455	57255	9,43441,27826	8,31548	10,56558,72174	20	
	50	9,41900,20574	7,74144	9,98450,61200	57266	9,43449,59374	8,31410	10,56550,40626	10	
13	0	9,41907,94718	7,73995	9,98450,03934	57276	9,43457,90784	8,31271	10,56542,09216	0	47
	10	9,41915,68713	7,73847	9,98449,46658	57288	9,43466,22055	8,31135	10,56533,77945	50	
	20	9,41923,42560	7,73700	9,98448,89370	57299	9,43474,53190	8,30999	10,56525,46810	40	
	30	9,41931,16260	7,73552	9,98448,32071	57310	9,43482,84189	8,30862	10,56517,15811	30	
	40	9,41938,89812	7,73402	9,98447,74761	57321	9,43491,15051	8,30723	10,56508,84949	20	
	50	9,41946,63214	7,73256	9,98447,17440	57332	9,43499,45774	8,30588	10,56500,54226	10	
14	0	9,41954,36470	7,73108	9,98446,60108	57343	9,43507,76362	8,30451	10,56492,23638	0	46
	10	9,41962,09578	7,72961	9,98446,02765	57354	9,43516,06813	8,30315	10,56483,93187	50	
	20	9,41969,82539	7,72812	9,98445,45411	57365	9,43524,37128	8,30177	10,56475,62872	40	
	30	9,41977,55351	7,72666	9,98444,88046	57376	9,43532,67305	8,30042	10,56467,32695	30	
	40	9,41985,28017	7,72516	9,98444,30670	57386	9,43540,97347	8,29902	10,56459,02653	20	
	50	9,41993,00533	7,72368	9,98443,73284	57397	9,43549,27249	8,29765	10,56450,72751	10	
15	0	9,42000,72901	7,72221	9,98443,15887	57409	9,43557,57014	8,29630	10,56442,42986	0	45
	10	9,42008,45122	7,72076	9,98442,58478	57420	9,43565,86644	8,29496	10,56434,13356	50	
	20	9,42016,17198	7,71928	9,98442,01058	57431	9,43574,16140	8,29359	10,56425,83860	40	
	30	9,42023,89126	7,71778	9,98441,43627	57441	9,43582,45499	8,29219	10,56417,54501	30	
	40	9,42031,60904	7,71632	9,98440,86186	57452	9,43590,74718	8,29084	10,56409,25282	20	
	50	9,42039,32536	7,71485	9,98440,28734	57463	9,43599,03802	8,28948	10,56400,96198	10	
16	0	9,42047,04021	7,71337	9,98439,71271	57474	9,43607,32750	8,28811	10,56392,67250	0	44
	10	9,42054,75358	7,71191	9,98439,13797	57486	9,43615,61561	8,28677	10,56384,38439	50	
	20	9,42062,46549	7,71043	9,98438,56311	57496	9,43623,90238	8,28539	10,56376,09762	40	
	30	9,42070,17592	7,70895	9,98437,98815	57507	9,43632,18777	8,28402	10,56367,81223	30	
	40	9,42077,88487	7,70749	9,98437,41308	57518	9,43640,47179	8,28267	10,56359,52821	20	
	50	9,42085,59236	7,70602	9,98436,83790	57529	9,43648,75446	8,28131	10,56351,24554	10	
17	0	9,42093,29838	7,70455	9,98436,26261	57540	9,43657,03577	8,27995	10,56342,96423	0	43
	10	9,42101,00293	7,70310	9,98435,68721	57552	9,43665,31572	8,27862	10,56334,68428	50	
	20	9,42108,70603	7,70162	9,98435,11169	57562	9,43673,59434	8,27724	10,56326,40566	40	
	30	9,42116,40765	7,70015	9,98434,53607	57573	9,43681,87158	8,27588	10,56318,12842	30	
	40	9,42124,10780	7,69869	9,98433,96034	57584	9,43690,14746	8,27453	10,56309,85254	20	
	50	9,42131,80649	7,69721	9,98433,38450	57595	9,43698,42199	8,27316	10,56301,57801	10	
18	0	9,42139,50370	7,69574	9,98432,80855	57605	9,43706,69515	8,27179	10,56293,30485	0	42
	10	9,42147,19944	7,69428	9,98432,23250	57617	9,43714,96694	8,27045	10,56285,03306	50	
	20	9,42154,89372	7,69281	9,98431,65633	57628	9,43723,23739	8,26909	10,56276,76261	40	
	30	9,42162,58653	7,69134	9,98431,08005	57639	9,43731,50648	8,26773	10,56268,49352	30	
	40	9,42170,27787	7,68990	9,98430,50366	57650	9,43739,77421	8,26640	10,56260,22579	20	
	50	9,42177,96777	7,68843	9,98429,92716	57661	9,43748,04061	8,26504	10,56251,95939	10	
19	0	9,42185,65620	7,68695	9,98429,35055	57671	9,43756,30565	8,26366	10,56243,69435	0	41
	10	9,42193,34315	7,68550	9,98428,77384	57683	9,43764,56931	8,26233	10,56235,43069	50	
	20	9,42201,02865	7,68405	9,98428,19701	57694	9,43772,83164	8,26099	10,56227,16836	40	
	30	9,42208,71270	7,68258	9,98427,62007	57705	9,43781,09263	8,25963	10,56218,90737	30	
	40	9,42216,39528	7,68113	9,98427,04302	57716	9,43789,35226	8,25829	10,56210,64774	20	
	50	9,42224,07641	7,67964	9,98426,46586	57726	9,43797,61055	8,25690	10,56202,38945	10	
20	0	9,42231,75605	7,67819	9,98425,88860	57737	9,43805,86745	8,25556	10,56194,13255	0	40
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,42231,75605	7,67819	9,98425,88860	57737	9,43805,86745	8,25556	10,56194,13255	0	40
	10	9,42239,43424	7,67673	9,98425,31123	57748	9,43814,12301	8,25421	10,56185,87699	50	
	20	9,42247,11097	7,67529	9,98424,73375	57760	9,43822,37722	8,25289	10,56177,62278	40	
	30	9,42254,78626	7,67383	9,98424,15615	57771	9,43830,63011	8,25154	10,56169,36989	30	
	40	9,42262,46009	7,67237	9,98423,57844	57782	9,43838,88165	8,25019	10,56161,11835	20	
	50	9,42270,13246	7,67090	9,98423,00062	57793	9,43847,13184	8,24883	10,56152,86816	10	
21	0	9,42277,80336	7,66945	9,98422,42269	57804	9,43855,38067	8,24749	10,56144,61933	0	39
	10	9,42285,47281	7,66800	9,98421,84465	57815	9,43863,62816	8,24615	10,56136,37184	50	
	20	9,42293,14081	7,66654	9,98421,26650	57826	9,43871,87431	8,24480	10,56128,12569	40	
	30	9,42300,80735	7,66507	9,98420,68824	57836	9,43880,11911	8,24343	10,56119,88089	30	
	40	9,42308,47242	7,66363	9,98420,10988	57847	9,43888,36254	8,24210	10,56111,63746	20	
	50	9,42316,13605	7,66217	9,98419,53141	57858	9,43896,60464	8,24075	10,56103,39536	10	
22	0	9,42323,79822	7,66072	9,98418,95283	57870	9,43904,84539	8,23942	10,56095,15461	0	38
	10	9,42331,45894	7,65927	9,98418,37413	57880	9,43913,08481	8,23807	10,56086,91519	50	
	20	9,42339,11821	7,65781	9,98417,79533	57891	9,43921,32288	8,23672	10,56078,67712	40	
	30	9,42346,77602	7,65635	9,98417,21642	57902	9,43929,55960	8,23537	10,56070,44040	30	
	40	9,42354,43237	7,65492	9,98416,63740	57913	9,43937,79497	8,23405	10,56062,20503	20	
	50	9,42362,08729	7,65345	9,98416,05827	57925	9,43946,02902	8,23270	10,56053,97098	10	
23	0	9,42369,74074	7,65201	9,98415,47902	57936	9,43954,26172	8,23137	10,56045,73828	0	37
	10	9,42377,30275	7,65057	9,98414,89966	57946	9,43962,49309	8,23003	10,56037,50691	50	
	20	9,42385,04332	7,64910	9,98414,32020	57957	9,43970,72312	8,22867	10,56029,27688	40	
	30	9,42392,69242	7,64766	9,98413,74063	57968	9,43978,95179	8,22734	10,56021,04821	30	
	40	9,42400,34008	7,64622	9,98413,16095	57979	9,43987,17913	8,22601	10,56012,82087	20	
	50	9,42407,98630	7,64476	9,98412,58116	57990	9,43995,40514	8,22466	10,56004,59486	10	
24	0	9,42415,63106	7,64332	9,98412,00126	58002	9,44003,62980	8,22334	10,55996,37020	0	36
	10	9,42423,27438	7,64186	9,98411,42124	58012	9,44011,85314	8,22198	10,55988,14686	50	
	20	9,42430,91624	7,64041	9,98410,84112	58023	9,44020,07512	8,22064	10,55979,92488	40	
	30	9,42438,55665	7,63898	9,98410,26089	58034	9,44028,29576	8,21932	10,55971,70424	30	
	40	9,42446,19563	7,63753	9,98409,68055	58045	9,44036,51508	8,21798	10,55963,48492	20	
	50	9,42453,83316	7,63608	9,98409,10010	58056	9,44044,73306	8,21664	10,55955,26694	10	
25	0	9,42461,46924	7,63465	9,98408,51954	58067	9,44052,94970	8,21532	10,55947,05030	0	35
	10	9,42469,10389	7,63320	9,98407,93887	58078	9,44061,16502	8,21398	10,55938,83498	50	
	20	9,42476,73709	7,63175	9,98407,35809	58089	9,44069,37900	8,21264	10,55930,62100	40	
	30	9,42484,36884	7,63031	9,98406,77720	58100	9,44077,59164	8,21131	10,55922,40836	30	
	40	9,42491,99915	7,62887	9,98406,19620	58111	9,44085,80295	8,20998	10,55914,19705	20	
	50	9,42499,62802	7,62742	9,98405,61509	58122	9,44094,01293	8,20864	10,55905,98707	10	
26	0	9,42507,25544	7,62597	9,98405,03387	58132	9,44102,22157	8,20729	10,55897,77843	0	34
	10	9,42514,88141	7,62454	9,98404,45255	58144	9,44110,42886	8,20598	10,55889,57114	50	
	20	9,42522,50595	7,62311	9,98403,87111	58155	9,44118,63484	8,20466	10,55881,36516	40	
	30	9,42530,12906	7,62167	9,98403,28956	58166	9,44126,83950	8,20333	10,55873,16050	30	
	40	9,42537,75073	7,62022	9,98402,70790	58177	9,44135,04283	8,20199	10,55864,95717	20	
	50	9,42545,37095	7,61879	9,98402,12613	58188	9,44143,24482	8,20067	10,55856,75518	10	
27	0	9,42552,98974	7,61734	9,98401,54425	58198	9,44151,44549	8,19932	10,55848,55451	0	33
	10	9,42560,60708	7,61590	9,98400,96227	58210	9,44159,64481	8,19800	10,55840,35519	50	
	20	9,42568,22298	7,61447	9,98400,38017	58221	9,44167,84281	8,19668	10,55832,15719	40	
	30	9,42575,83745	7,61304	9,98399,79796	58232	9,44176,03949	8,19536	10,55823,96051	30	
	40	9,42583,45049	7,61160	9,98399,21564	58243	9,44184,23485	8,19403	10,55815,76515	20	
	50	9,42591,06209	7,61016	9,98398,63321	58254	9,44192,42888	8,19270	10,55807,57112	10	
28	0	9,42598,67225	7,60872	9,98398,05067	58264	9,44200,62158	8,19136	10,55799,37842	0	32
	10	9,42606,28097	7,60731	9,98397,46803	58276	9,44208,81294	8,19007	10,55791,18706	50	
	20	9,42613,88828	7,60586	9,98396,88527	58287	9,44217,00301	8,18873	10,55782,99699	40	
	30	9,42621,49414	7,60442	9,98396,30240	58298	9,44225,19174	8,18740	10,55774,80826	30	
	40	9,42629,09856	7,60299	9,98395,71942	58309	9,44233,37914	8,18608	10,55766,62086	20	
	50	9,42636,70155	7,60156	9,98395,13633	58320	9,44241,56522	8,18476	10,55758,43478	10	
29	0	9,42644,30311	7,60013	9,98394,55313	58331	9,44249,74998	8,18344	10,55750,25002	0	31
	10	9,42651,90324	7,59871	9,98393,96982	58342	9,44257,93342	8,18213	10,55742,06658	50	
	20	9,42659,50195	7,59726	9,98393,38640	58353	9,44266,11555	8,18079	10,55733,88445	40	
	30	9,42667,09921	7,59584	9,98392,80287	58364	9,44274,29634	8,17948	10,55725,70366	30	
	40	9,42674,69505	7,59440	9,98392,21923	58375	9,44282,47582	8,17815	10,55717,52418	20	
	50	9,42682,28945	7,59296	9,98391,63548	58385	9,44290,65397	8,17681	10,55709,34603	10	
30	0	9,42689,88241	7,59154	9,98391,05163	58396	9,44298,83078	8,17550	10,55701,16922	0	30
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,42689,88241	7,59154	9,98391,05163	58396	9,44298,83078	8,17550	10,55701,16922	0	30
	10	9,42697,47395	7,59010	9,98390,46767	58408	9,44307,00628	8,17418	10,55692,99372	50	
	20	9,42705,06405	7,58868	9,98389,88359	58418	9,44315,18046	8,17286	10,55684,81954	40	
	30	9,42712,65273	7,58727	9,98389,29941	58430	9,44323,35332	8,17157	10,55676,64668	30	
	40	9,42720,24000	7,58582	9,98388,71511	58441	9,44331,52489	8,17023	10,55668,47511	20	
	50	9,42727,82582	7,58441	9,98388,13070	58452	9,44339,69512	8,16893	10,55660,30488	10	
31	0	9,42735,41023	7,58298	9,98387,54618	58462	9,44347,86405	8,16760	10,55652,13595	0	29
	10	9,42742,99321	7,58153	9,98386,96156	58473	9,44356,03165	8,16626	10,55643,96835	50	
	20	9,42750,57474	7,58011	9,98386,37683	58484	9,44364,19791	8,16495	10,55635,80209	40	
	30	9,42758,15485	7,57871	9,98385,79199	58496	9,44372,36286	8,16367	10,55627,63714	30	
	40	9,42765,73356	7,57728	9,98385,20703	58507	9,44380,52653	8,16235	10,55619,47347	20	
	50	9,42773,31084	7,57585	9,98384,62196	58518	9,44388,68888	8,16103	10,55611,31112	10	
32	0	9,42780,88669	7,57442	9,98384,03678	58529	9,44396,84991	8,15971	10,55603,15009	0	28
	10	9,42788,46111	7,57302	9,98383,45149	58540	9,44405,00962	8,15842	10,55594,99038	50	
	20	9,42796,03413	7,57159	9,98382,86609	58551	9,44413,16804	8,15710	10,55586,83196	40	
	30	9,42803,60572	7,57016	9,98382,28058	58562	9,44421,32514	8,15578	10,55578,67486	30	
	40	9,42811,17588	7,56875	9,98381,69496	58572	9,44429,48092	8,15447	10,55570,51908	20	
	50	9,42818,74463	7,56731	9,98381,10924	58583	9,44437,63539	8,15314	10,55562,36461	10	
33	0	9,42826,31194	7,56589	9,98380,52341	58594	9,44445,78853	8,15183	10,55554,21147	0	27
	10	9,42833,87783	7,56446	9,98379,93747	58605	9,44453,94036	8,15051	10,55546,05964	50	
	20	9,42841,44229	7,56308	9,98379,35142	58617	9,44462,09087	8,14925	10,55537,90913	40	
	30	9,42849,00537	7,56166	9,98378,76525	58628	9,44470,24012	8,14794	10,55529,75988	30	
	40	9,42856,56703	7,56021	9,98378,17897	58639	9,44478,38806	8,14660	10,55521,61194	20	
	50	9,42864,12724	7,55881	9,98377,59258	58650	9,44486,53466	8,14531	10,55513,46534	10	
34	0	9,42871,68605	7,55739	9,98377,00608	58661	9,44494,67997	8,14400	10,55505,32003	0	26
	10	9,42879,24344	7,55596	9,98376,41947	58672	9,44502,82397	8,14268	10,55497,17603	50	
	20	9,42886,79940	7,55457	9,98375,83275	58683	9,44510,96665	8,14140	10,55489,03335	40	
	30	9,42894,35397	7,55316	9,98375,24592	58694	9,44519,10805	8,14010	10,55480,89195	30	
	40	9,42901,90713	7,55171	9,98374,65898	58704	9,44527,24815	8,13875	10,55472,75185	20	
	50	9,42909,45884	7,55028	9,98374,07194	58715	9,44535,38690	8,13743	10,55464,61310	10	
35	0	9,42917,00912	7,54889	9,98373,48479	58726	9,44543,52433	8,13615	10,55456,47567	0	25
	10	9,42924,55801	7,54747	9,98372,89753	58737	9,44551,66048	8,13484	10,55448,33952	50	
	20	9,42932,10548	7,54608	9,98372,31016	58749	9,44559,79532	8,13357	10,55440,20468	40	
	30	9,42939,65156	7,54465	9,98371,72267	58760	9,44567,92889	8,13225	10,55432,07111	30	
	40	9,42947,19621	7,54323	9,98371,13507	58771	9,44576,06114	8,13094	10,55423,93886	20	
	50	9,42954,73944	7,54184	9,98370,54736	58782	9,44584,19208	8,12966	10,55415,80792	10	
36	0	9,42962,28128	7,54044	9,98369,95954	58793	9,44592,32174	8,12837	10,55407,67826	0	24
	10	9,42969,82172	7,53900	9,98369,37161	58804	9,44600,45011	8,12704	10,55399,54989	50	
	20	9,42977,36072	7,53760	9,98368,78357	58815	9,44608,57715	8,12575	10,55391,42285	40	
	30	9,42984,89832	7,53620	9,98368,19542	58826	9,44616,70290	8,12446	10,55383,29710	30	
	40	9,42992,43452	7,53476	9,98367,60716	58836	9,44624,82736	8,12312	10,55375,17264	20	
	50	9,42999,96928	7,53335	9,98367,01880	58847	9,44632,95048	8,12182	10,55367,04952	10	
37	0	9,43007,50263	7,53196	9,98366,43033	58858	9,44641,07230	8,12054	10,55358,92770	0	23
	10	9,43015,03459	7,53053	9,98365,84175	58869	9,44649,19284	8,11922	10,55350,80716	50	
	20	9,43022,56512	7,52914	9,98365,25306	58881	9,44657,31206	8,11795	10,55342,68794	40	
	30	9,43030,09426	7,52773	9,98364,66425	58892	9,44665,43001	8,11665	10,55334,56999	30	
	40	9,43037,62199	7,52633	9,98364,07533	58903	9,44673,54666	8,11536	10,55326,45334	20	
	50	9,43045,14832	7,52492	9,98363,48630	58914	9,44681,66202	8,11406	10,55318,33798	10	
38	0	9,43052,67324	7,52354	9,98362,89716	58925	9,44689,77608	8,11279	10,55310,22392	0	22
	10	9,43060,19678	7,52211	9,98362,30791	58936	9,44697,88887	8,11147	10,55302,11113	50	
	20	9,43067,71889	7,52071	9,98361,71855	58947	9,44706,00034	8,11018	10,55293,99966	40	
	30	9,43075,23960	7,51931	9,98361,12908	58958	9,44714,11052	8,10889	10,55285,88948	30	
	40	9,43082,75891	7,51790	9,98360,53950	58969	9,44722,21941	8,10759	10,55277,78059	20	
	50	9,43090,27681	7,51648	9,98359,94981	58979	9,44730,32700	8,10627	10,55269,67300	10	
39	0	9,43097,79329	7,51507	9,98359,36002	58990	9,44738,43327	8,10497	10,55261,56673	0	21
	10	9,43105,30836	7,51369	9,98358,77012	59001	9,44746,53824	8,10370	10,55253,46176	50	
	20	9,43112,82205	7,51229	9,98358,18011	59013	9,44754,64194	8,10242	10,55245,35806	40	
	30	9,43120,33434	7,51090	9,98357,58998	59024	9,44762,74436	8,10114	10,55237,25564	30	
	40	9,43127,84524	7,50948	9,98356,99974	59035	9,44770,84550	8,09983	10,55229,15450	20	
	50	9,43135,35472	7,50809	9,98356,40939	59046	9,44778,94533	8,09855	10,55221,05467	10	
40	0	9,43142,86281	7,50668	9,98355,81893	59056	9,44787,04388	8,09724	10,55212,95612	0	20
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
40	0	9,43142,86281		9,98355,81893		9,44787,04388		10,55212,95612	0	20
	10	9,43150,36949	7,50668	9,98355,22837	59056	9,44795,14112	8,09724	10,55204,85888	50	
	20	9,43157,87476	7,50527	9,98354,63769	59068	9,44803,23707	8,09595	10,55196,76293	40	
	30	9,43165,37865	7,50389	9,98354,04690	59079	9,44811,33175	8,09468	10,55188,66825	30	
	40	9,43172,88116	7,50251	9,98353,45600	59090	9,44819,42516	8,09341	10,55180,57484	20	
	50	9,43180,38225	7,50109	9,98352,86499	59101	9,44827,51726	8,09210	10,55172,48274	10	
41	0	9,43187,88195	7,49970	9,98352,27387	59112	9,44835,60808	8,09082	10,55164,39192	0	19
	10	9,43195,38023	7,49828	9,98351,68264	59123	9,44843,69759	8,08951	10,55156,30241	50	
	20	9,43202,87713	7,49690	9,98351,09130	59134	9,44851,78583	8,08824	10,55148,21417	40	
	30	9,43210,37265	7,49552	9,98350,49985	59145	9,44859,87280	8,08697	10,55140,12720	30	
	40	9,43217,86677	7,49412	9,98349,90829	59156	9,44867,95848	8,08568	10,55132,04152	20	
	50	9,43225,35949	7,49272	9,98349,31662	59167	9,44876,04287	8,08439	10,55123,95713	10	
42	0	9,43232,85080	7,49131	9,98348,72484	59178	9,44884,12596	8,08309	10,55115,87404	0	18
	10	9,43240,34074	7,48994	9,98348,13295	59189	9,44892,20779	8,08183	10,55107,79221	50	
	20	9,43247,82927	7,48853	9,98347,54095	59200	9,44900,28832	8,08053	10,55099,71168	40	
	30	9,43255,31640	7,48713	9,98346,94884	59211	9,44908,36756	8,07924	10,55091,63244	30	
	40	9,43262,80214	7,48574	9,98346,35662	59222	9,44916,44552	8,07796	10,55083,55448	20	
	50	9,43270,28649	7,48435	9,98345,76429	59233	9,44924,52220	8,07668	10,55075,47780	10	
43	0	9,43277,76947	7,48298	9,98345,17185	59244	9,44932,59762	8,07542	10,55067,40238	0	17
	10	9,43285,25105	7,48158	9,98344,57929	59256	9,44940,67176	8,07414	10,55059,32824	50	
	20	9,43292,73124	7,48019	9,98343,98663	59266	9,44948,74461	8,07285	10,55051,25539	40	
	30	9,43300,21001	7,47877	9,98343,39386	59277	9,44956,81615	8,07154	10,55043,18385	30	
	40	9,43307,68739	7,47738	9,98342,80098	59288	9,44964,88641	8,07026	10,55035,11359	20	
	50	9,43315,16340	7,47601	9,98342,20799	59299	9,44972,95541	8,06900	10,55027,04459	10	
44	0	9,43322,63803	7,47463	9,98341,61489	59310	9,44981,02314	8,06773	10,55018,97686	0	16
	10	9,43330,11127	7,47324	9,98341,02167	59322	9,44989,08960	8,06646	10,55010,91040	50	
	20	9,43337,58312	7,47185	9,98340,42836	59331	9,44997,15476	8,06516	10,55002,84524	40	
	30	9,43345,05358	7,47046	9,98339,83492	59344	9,45005,21866	8,06390	10,54994,78134	30	
	40	9,43352,52266	7,46908	9,98339,24138	59354	9,45013,28128	8,06262	10,54986,71872	20	
	50	9,43359,99033	7,46767	9,98338,64773	59365	9,45021,34260	8,06132	10,54978,65740	10	
45	0	9,43367,45663	7,46630	9,98338,05397	59376	9,45029,40266	8,06006	10,54970,59734	0	15
	10	9,43374,92154	7,46491	9,98337,46010	59387	9,45037,46144	8,05878	10,54962,53856	50	
	20	9,43382,38507	7,46353	9,98336,86612	59398	9,45045,51895	8,05751	10,54954,48105	40	
	30	9,43389,84722	7,46215	9,98336,27203	59409	9,45053,57519	8,05624	10,54946,42481	30	
	40	9,43397,30797	7,46075	9,98335,67783	59420	9,45061,63014	8,05495	10,54938,36986	20	
	50	9,43404,76736	7,45939	9,98335,08351	59432	9,45069,68385	8,05371	10,54930,31615	10	
46	0	9,43412,22537	7,45801	9,98334,48908	59443	9,45077,73629	8,05244	10,54922,26371	0	14
	10	9,43419,68199	7,45662	9,98333,89454	59454	9,45085,78745	8,05116	10,54914,21255	50	
	20	9,43427,13722	7,45523	9,98333,29990	59464	9,45093,83732	8,04987	10,54906,16268	40	
	30	9,43434,59108	7,45386	9,98332,70513	59477	9,45101,88595	8,04863	10,54898,11405	30	
	40	9,43442,04356	7,45248	9,98332,11027	59486	9,45109,93329	8,04734	10,54890,06671	20	
	50	9,43449,49463	7,45107	9,98331,51530	59497	9,45117,97933	8,04604	10,54882,02067	10	
47	0	9,43456,94431	7,44968	9,98330,92022	59508	9,45126,02409	8,04476	10,54873,97591	0	13
	10	9,43464,39263	7,44832	9,98330,32503	59519	9,45134,06760	8,04351	10,54865,93240	50	
	20	9,43471,83958	7,44695	9,98329,72973	59530	9,45142,10985	8,04225	10,54857,89015	40	
	30	9,43479,28514	7,44556	9,98329,13432	59541	9,45150,15082	8,04097	10,54849,84918	30	
	40	9,43486,72934	7,44420	9,98328,53879	59553	9,45158,19055	8,03973	10,54841,80945	20	
	50	9,43494,17216	7,44282	9,98327,94315	59564	9,45166,22901	8,03846	10,54833,77099	10	
48	0	9,43501,61359	7,44143	9,98327,34740	59575	9,45174,26619	8,03718	10,54825,73381	0	12
	10	9,43509,05363	7,44004	9,98326,75155	59585	9,45182,30208	8,03589	10,54817,69792	50	
	20	9,43516,49231	7,43868	9,98326,15558	59597	9,45190,33673	8,03465	10,54809,66327	40	
	30	9,43523,92963	7,43732	9,98325,55950	59608	9,45198,37013	8,03340	10,54801,62987	30	
	40	9,43531,36558	7,43595	9,98324,96331	59619	9,45206,40227	8,03214	10,54793,59773	20	
	50	9,43538,80014	7,43456	9,98324,36701	59630	9,45214,43313	8,03086	10,54785,56687	10	
49	0	9,43546,23331	7,43317	9,98323,77060	59641	9,45222,46271	8,02958	10,54777,53729	0	11
	10	9,43553,66511	7,43180	9,98323,17408	59652	9,45230,49103	8,02832	10,54769,50897	50	
	20	9,43561,09554	7,43043	9,98322,57745	59663	9,45238,51809	8,02706	10,54761,48191	40	
	30	9,43568,52461	7,42907	9,98321,98071	59674	9,45246,54390	8,02581	10,54753,45610	30	
	40	9,43575,95231	7,42770	9,98321,38386	59685	9,45254,56845	8,02455	10,54745,43155	20	
	50	9,43583,37862	7,42631	9,98320,78690	59696	9,45262,59172	8,02327	10,54737,40828	10	
50	0	9,43590,80356	7,42494	9,98320,18983	59707	9,45270,61373	8,02201	10,54729,38627	0	10
		Sin. comple.	7,42356	SINVVM	59718	Tang.compl	8,02074	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,43590,80356	7,42356	9,98320,18983	59718	9,45270,61373	8,02074	10,54729,38627	0	10
	10	9,43598,22712	7,42221	9,98319,59265	59729	9,45278,63447	8,01950	10,54721,36553	50	
	20	9,43605,64933	7,42083	9,98318,99536	59740	9,45286,65397	8,01823	10,54713,34603	40	
	30	9,43613,07016	7,41947	9,98318,39796	59751	9,45294,67220	8,01698	10,54705,32780	30	
	40	9,43620,48963	7,41809	9,98317,80045	59762	9,45302,68918	8,01571	10,54697,31082	20	
	50	9,43627,90772	7,41671	9,98317,20283	59773	9,45310,70489	8,01444	10,54689,29511	10	
51	0	9,43635,32443	7,41535	9,98316,60510	59784	9,45318,71933	8,01319	10,54681,28067	0	9
	10	9,43642,73978	7,41398	9,98316,00726	59795	9,45326,73252	8,01193	10,54673,26748	50	
	20	9,43650,15376	7,41262	9,98315,40931	59806	9,45334,74445	8,01068	10,54665,25555	40	
	30	9,43657,56638	7,41124	9,98314,81125	59817	9,45342,75513	8,00941	10,54657,24487	30	
	40	9,43664,97762	7,40991	9,98314,21308	59829	9,45350,76454	8,00820	10,54649,23546	20	
	50	9,43672,38753	7,40853	9,98313,61479	59840	9,45358,77274	8,00693	10,54641,22726	10	
52	0	9,43679,79606	7,40716	9,98313,01639	59851	9,45366,77967	8,00567	10,54633,22033	0	8
	10	9,43687,20322	7,40578	9,98312,41788	59861	9,45374,78534	8,00439	10,54625,21466	50	
	20	9,43694,60900	7,40443	9,98311,81927	59874	9,45382,78973	8,00317	10,54617,21027	40	
	30	9,43702,01343	7,40305	9,98311,22053	59882	9,45390,79290	8,00187	10,54609,20710	30	
	40	9,43709,41648	7,40170	9,98310,62171	59895	9,45398,79477	8,00065	10,54601,20523	20	
	50	9,43716,81818	7,40032	9,98310,02276	59905	9,45406,79542	7,99937	10,54593,20458	10	
53	0	9,43724,21850	7,39896	9,98309,42371	59916	9,45414,79479	7,99812	10,54585,20521	0	7
	10	9,43731,61746	7,39761	9,98308,82455	59928	9,45422,79291	7,99689	10,54577,20709	50	
	20	9,43739,01507	7,39625	9,98308,22527	59939	9,45430,78980	7,99564	10,54569,21020	40	
	30	9,43746,41132	7,39489	9,98307,62588	59950	9,45438,78544	7,99439	10,54561,21456	30	
	40	9,43753,80621	7,39352	9,98307,02638	59961	9,45446,77983	7,99313	10,54553,22017	20	
	50	9,43761,19973	7,39216	9,98306,42677	59971	9,45454,77296	7,99187	10,54545,22704	10	
54	0	9,43768,59189	7,39081	9,98305,82706	59982	9,45462,76483	7,99063	10,54537,23517	0	6
	10	9,43775,98270	7,38945	9,98305,22724	59994	9,45470,75546	7,98939	10,54529,24454	50	
	20	9,43783,37215	7,38807	9,98304,62730	60005	9,45478,74485	7,98812	10,54521,25515	40	
	30	9,43790,76022	7,38672	9,98304,02725	60016	9,45486,73297	7,98688	10,54513,26703	30	
	40	9,43798,14694	7,38537	9,98303,42709	60027	9,45494,71985	7,98564	10,54505,28015	20	
	50	9,43805,53231	7,38400	9,98302,82682	60038	9,45502,70549	7,98438	10,54497,29451	10	
55	0	9,43812,91631	7,38266	9,98302,22644	60050	9,45510,68987	7,98316	10,54489,31013	0	5
	10	9,43820,29897	7,38128	9,98301,62594	60059	9,45518,67303	7,98187	10,54481,32697	50	
	20	9,43827,68025	7,37995	9,98301,02535	60072	9,45526,65490	7,98067	10,54473,34510	40	
	30	9,43835,06020	7,37859	9,98300,42463	60082	9,45534,63557	7,97941	10,54465,36443	30	
	40	9,43842,43879	7,37723	9,98299,82381	60093	9,45542,61498	7,97816	10,54457,38502	20	
	50	9,43849,81602	7,37587	9,98299,22288	60104	9,45550,59314	7,97691	10,54449,40686	10	
56	0	9,43857,19189	7,37451	9,98298,62184	60115	9,45558,57005	7,97566	10,54441,42991	0	4
	10	9,43864,56640	7,37316	9,98298,02069	60126	9,45566,54571	7,97442	10,54433,45429	50	
	20	9,43871,93956	7,37181	9,98297,41943	60137	9,45574,52013	7,97318	10,54425,47987	40	
	30	9,43879,31137	7,37045	9,98296,81806	60148	9,45582,49331	7,97193	10,54417,50669	30	
	40	9,43886,68182	7,36910	9,98296,21658	60160	9,45590,46524	7,97070	10,54409,53476	20	
	50	9,43894,05092	7,36776	9,98295,61498	60171	9,45598,43594	7,96947	10,54401,56406	10	
57	0	9,43901,41868	7,36639	9,98295,01327	60181	9,45606,40541	7,96820	10,54393,59459	0	3
	10	9,43908,78507	7,36505	9,98294,41146	60192	9,45614,37361	7,96697	10,54385,62639	50	
	20	9,43916,15012	7,36371	9,98293,80954	60204	9,45622,34058	7,96575	10,54377,65942	40	
	30	9,43923,51383	7,36235	9,98293,20750	60215	9,45630,30633	7,96450	10,54369,69367	30	
	40	9,43930,87618	7,36100	9,98292,60535	60226	9,45638,27083	7,96326	10,54361,72917	20	
	50	9,43938,23718	7,35966	9,98292,00309	60237	9,45646,23409	7,96203	10,54353,76591	10	
58	0	9,43945,59684	7,35829	9,98291,40072	60247	9,45654,19612	7,96076	10,54345,80388	0	2
	10	9,43952,95513	7,35694	9,98290,79825	60259	9,45662,15688	7,95953	10,54337,84312	50	
	20	9,43960,31207	7,35560	9,98290,19566	60270	9,45670,11641	7,95830	10,54329,88359	40	
	30	9,43967,66767	7,35425	9,98289,59296	60281	9,45678,07471	7,95706	10,54321,92529	30	
	40	9,43975,02192	7,35291	9,98288,99015	60292	9,45686,03177	7,95583	10,54313,96823	20	
	50	9,43982,37483	7,35157	9,98288,38723	60303	9,45693,98760	7,95460	10,54306,01240	10	
59	0	9,43989,72640	7,35022	9,98287,78420	60315	9,45701,94220	7,95337	10,54298,05780	0	1
	10	9,43997,07662	7,34887	9,98287,18105	60325	9,45709,89557	7,95212	10,54290,10443	50	
	20	9,44004,42549	7,34752	9,98286,57780	60336	9,45717,84769	7,95088	10,54282,15231	40	
	30	9,44011,77301	7,34617	9,98285,97444	60347	9,45725,79857	7,94964	10,54274,20143	30	
	40	9,44019,11918	7,34484	9,98285,37097	60358	9,45733,74821	7,94842	10,54266,25179	20	
	50	9,44026,46402	7,34348	9,98284,76739	60369	9,45741,69663	7,94717	10,54258,30337	10	
60	0	9,44033,80750	7,34215	9,98284,16370	60380	9,45749,64380	7,94595	10,54250,35620	0	0
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,44033,80750	7,34215	9,98284,16370	60380	9,45749,64380	7,94595	10,54250,35620	0	60
	10	9,44041,14965	7,34080	9,98283,55990	60391	9,45757,58975	7,94471	10,54242,41025	50	
	20	9,44048,49045	7,33945	9,98282,95599	60402	9,45765,53446	7,94347	10,54234,46554	40	
	30	9,44055,82990	7,33812	9,98282,35197	60414	9,45773,47793	7,94226	10,54226,52207	30	
	40	9,44063,16802	7,33677	9,98281,74783	60425	9,45781,42019	7,94102	10,54218,57981	20	
	50	9,44070,50479	7,33545	9,98281,14358	60436	9,45789,36121	7,93981	10,54210,63879	10	
1	0	9,44077,84024	7,33409	9,98280,53922	60446	9,45797,30102	7,93855	10,54202,69898	0	59
	10	9,44085,17433	7,33274	9,98279,93476	60457	9,45805,23957	7,93731	10,54194,76043	50	
	20	9,44092,50707	7,33142	9,98279,33019	60469	9,45813,17688	7,93611	10,54186,82312	40	
	30	9,44099,83849	7,33007	9,98278,72550	60480	9,45821,11299	7,93487	10,54178,88701	30	
	40	9,44107,16856	7,32875	9,98278,12070	60491	9,45829,04786	7,93366	10,54170,95214	20	
	50	9,44114,49731	7,32740	9,98277,51579	60502	9,45836,98152	7,93242	10,54163,01848	10	
2	0	9,44121,82471	7,32605	9,98276,91077	60513	9,45844,91394	7,93118	10,54155,08606	0	58
	10	9,44129,15076	7,32472	9,98276,30564	60524	9,45852,84512	7,92996	10,54147,15488	50	
	20	9,44136,47548	7,32339	9,98275,70040	60535	9,45860,77508	7,92874	10,54139,22492	40	
	30	9,44143,79887	7,32205	9,98275,09505	60546	9,45868,70382	7,92751	10,54131,29618	30	
	40	9,44151,12092	7,32070	9,98274,48959	60557	9,45876,63133	7,92627	10,54123,36867	20	
	50	9,44158,44162	7,31938	9,98273,88402	60568	9,45884,55760	7,92506	10,54115,44240	10	
3	0	9,44165,76100	7,31803	9,98273,27834	60579	9,45892,48266	7,92382	10,54107,51734	0	57
	10	9,44173,07903	7,31671	9,98272,67255	60590	9,45900,40648	7,92261	10,54099,59352	50	
	20	9,44180,39574	7,31537	9,98272,06665	60601	9,45908,32909	7,92138	10,54091,67091	40	
	30	9,44187,71111	7,31403	9,98271,46064	60612	9,45916,25047	7,92015	10,54083,74953	30	
	40	9,44195,02514	7,31270	9,98270,85452	60624	9,45924,17062	7,91894	10,54075,82938	20	
	50	9,44202,33784	7,31138	9,98270,24828	60635	9,45932,08956	7,91773	10,54067,91044	10	
4	0	9,44209,64922	7,31003	9,98269,64193	60645	9,45940,00729	7,91648	10,54059,99271	0	56
	10	9,44216,95925	7,30870	9,98269,03548	60656	9,45947,92377	7,91526	10,54052,07623	50	
	20	9,44224,26795	7,30738	9,98268,42892	60668	9,45955,83903	7,91406	10,54044,16097	40	
	30	9,44231,57533	7,30604	9,98267,82224	60679	9,45963,75309	7,91283	10,54036,24691	30	
	40	9,44238,88137	7,30471	9,98267,21545	60690	9,45971,66592	7,91161	10,54028,33408	20	
	50	9,44246,18608	7,30339	9,98266,60855	60701	9,45979,57753	7,91040	10,54020,42247	10	
5	0	9,44253,48947	7,30206	9,98266,00154	60712	9,45987,48793	7,90918	10,54012,51207	0	55
	10	9,44260,79153	7,30071	9,98265,39442	60723	9,45995,39711	7,90794	10,54004,60289	50	
	20	9,44268,09224	7,29939	9,98264,78719	60734	9,46003,30505	7,90673	10,53996,69495	40	
	30	9,44275,39163	7,29805	9,98264,17985	60745	9,46011,21178	7,90550	10,53988,78822	30	
	40	9,44282,68968	7,29673	9,98263,57240	60756	9,46019,11728	7,90429	10,53980,88272	20	
	50	9,44289,98641	7,29541	9,98262,96484	60767	9,46027,02157	7,90308	10,53972,97843	10	
6	0	9,44297,28182	7,29408	9,98262,35717	60778	9,46034,92465	7,90186	10,53965,07535	0	54
	10	9,44304,57590	7,29275	9,98261,74939	60789	9,46042,82651	7,90064	10,53957,17349	50	
	20	9,44311,86865	7,29142	9,98261,14150	60800	9,46050,72715	7,89942	10,53949,27285	40	
	30	9,44319,16007	7,29009	9,98260,53350	60811	9,46058,62657	7,89820	10,53941,37343	30	
	40	9,44326,45016	7,28877	9,98259,92539	60823	9,46066,52477	7,89700	10,53933,47523	20	
	50	9,44333,73893	7,28747	9,98259,31716	60834	9,46074,42177	7,89581	10,53925,57823	10	
7	0	9,44341,02640	7,28611	9,98258,70882	60844	9,46082,31758	7,89455	10,53917,68242	0	53
	10	9,44348,31251	7,28479	9,98258,10038	60856	9,46090,21213	7,89335	10,53909,78787	50	
	20	9,44355,59730	7,28349	9,98257,49182	60867	9,46098,10548	7,89216	10,53901,89452	40	
	30	9,44362,88079	7,28216	9,98256,88315	60878	9,46105,99764	7,89094	10,53894,00236	30	
	40	9,44370,16295	7,28084	9,98256,27437	60889	9,46113,88858	7,88973	10,53886,11142	20	
	50	9,44377,44379	7,27950	9,98255,66548	60900	9,46121,77831	7,88850	10,53878,22169	10	
8	0	9,44384,72329	7,27817	9,98255,05648	60911	9,46129,66681	7,88728	10,53870,33319	0	52
	10	9,44392,00146	7,27688	9,98254,44737	60922	9,46137,55409	7,88610	10,53862,44591	50	
	20	9,44399,27834	7,27554	9,98253,83815	60933	9,46145,44019	7,88487	10,53854,55981	40	
	30	9,44406,55388	7,27421	9,98253,22882	60944	9,46153,32506	7,88365	10,53846,67494	30	
	40	9,44413,82809	7,27290	9,98252,61938	60955	9,46161,20871	7,88245	10,53838,79129	20	
	50	9,44421,10099	7,27158	9,98252,00983	60966	9,46169,09116	7,88124	10,53830,90884	10	
9	0	9,44428,37257	7,27026	9,98251,40017	60977	9,46176,97240	7,88003	10,53823,02760	0	51
	10	9,44435,64283	7,26894	9,98250,79040	60988	9,46184,85243	7,87882	10,53815,14757	50	
	20	9,44442,91177	7,26762	9,98250,18052	60999	9,46192,73125	7,87761	10,53807,26875	40	
	30	9,44450,17939	7,26631	9,98249,57053	61011	9,46200,60886	7,87642	10,53799,39114	30	
	40	9,44457,44570	7,26500	9,98248,96042	61022	9,46208,48528	7,87522	10,53791,51472	20	
	50	9,44464,71070	7,26367	9,98248,35020	61033	9,46216,36050	7,87400	10,53783,63950	10	
10	0	9,44471,97437	7,26235	9,98247,73987	61043	9,46224,23450	7,87278	10,53775,76550	0	50
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,44471,97437		9,98247,73987		9,46224,23450		10,53775,76550	0	50
	10	9,44479,23672	7,26235	9,98247,12944	61043	9,46232,10728	7,87278	10,53767,89272	50	
	20	9,44486,49777	7,26105	9,98246,51889	61055	9,46239,97888	7,87160	10,53760,02112	40	
	30	9,44493,75749	7,25972	9,98245,90823	61066	9,46247,84926	7,87038	10,53752,15074	30	
	40	9,44501,01590	7,25841	9,98245,29746	61077	9,46255,71844	7,86918	10,53744,28156	20	
	50	9,44508,27300	7,25710	9,98244,68658	61088	9,46263,58642	7,86798	10,53736,41358	10	
11	0	9,44515,52877	7,25577	9,98244,07559	61099	9,46271,45318	7,86676	10,53728,54682	0	49
	10	9,44522,78322	7,25445	9,98243,46449	61110	9,46279,31873	7,86555	10,53720,68127	50	
	20	9,44530,03638	7,25316	9,98242,85328	61121	9,46287,18310	7,86437	10,53712,81690	40	
	30	9,44537,28822	7,25184	9,98242,24196	61132	9,46295,04626	7,86316	10,53704,95374	30	
	40	9,44544,53874	7,25052	9,98241,63053	61143	9,46302,90821	7,86195	10,53697,09179	20	
	50	9,44551,78795	7,24921	9,98241,01898	61155	9,46310,76897	7,86076	10,53689,23103	10	
12	0	9,44559,03586	7,24791	9,98240,40732	61166	9,46318,62854	7,85957	10,53681,37146	0	48
	10	9,44566,28244	7,24658	9,98239,79556	61176	9,46326,48688	7,85834	10,53673,51312	50	
	20	9,44573,52771	7,24527	9,98239,18368	61188	9,46334,34403	7,85715	10,53665,65597	40	
	30	9,44580,77169	7,24398	9,98238,57169	61199	9,46342,20000	7,85597	10,53657,80000	30	
	40	9,44588,01436	7,24267	9,98237,95959	61210	9,46350,05477	7,85477	10,53649,94523	20	
	50	9,44595,25571	7,24135	9,98237,34738	61221	9,46357,90833	7,85356	10,53642,09167	10	
13	0	9,44602,49574	7,24003	9,98236,73506	61232	9,46365,76068	7,85235	10,53634,23932	0	47
	10	9,44609,73446	7,23872	9,98236,12263	61243	9,46373,61183	7,85115	10,53626,38817	50	
	20	9,44616,97188	7,23742	9,98235,51009	61254	9,46381,46179	7,84996	10,53618,53821	40	
	30	9,44624,20799	7,23611	9,98234,89744	61265	9,46389,31055	7,84876	10,53610,68945	30	
	40	9,44631,44281	7,23482	9,98234,28468	61276	9,46397,15813	7,84758	10,53602,84187	20	
	50	9,44638,67630	7,23349	9,98233,67181	61287	9,46405,00449	7,84636	10,53594,99551	10	
14	0	9,44645,90849	7,23219	9,98233,05883	61298	9,46412,84966	7,84517	10,53587,15034	0	46
	10	9,44653,13938	7,23089	9,98232,44574	61309	9,46420,69364	7,84398	10,53579,30636	50	
	20	9,44660,36896	7,22958	9,98231,83254	61320	9,46428,53642	7,84278	10,53571,46358	40	
	30	9,44667,59722	7,22826	9,98231,21923	61331	9,46436,37799	7,84157	10,53563,62201	30	
	40	9,44674,82419	7,22697	9,98230,60580	61343	9,46444,21839	7,84040	10,53555,78161	20	
	50	9,44682,04987	7,22568	9,98229,99226	61354	9,46452,05761	7,83922	10,53547,94239	10	
15	0	9,44689,27423	7,22436	9,98229,37861	61365	9,46459,89562	7,83801	10,53540,10438	0	45
	10	9,44696,49728	7,22305	9,98228,76485	61376	9,46467,73243	7,83681	10,53532,26757	50	
	20	9,44703,71904	7,22176	9,98228,15098	61387	9,46475,56806	7,83563	10,53524,43194	40	
	30	9,44710,93949	7,22045	9,98227,53700	61398	9,46483,40249	7,83443	10,53516,59751	30	
	40	9,44718,15864	7,21915	9,98226,92291	61409	9,46491,23573	7,83324	10,53508,76427	20	
	50	9,44725,37648	7,21784	9,98226,30871	61420	9,46499,06777	7,83204	10,53500,93223	10	
16	0	9,44732,59302	7,21654	9,98225,69440	61431	9,46506,89862	7,83085	10,53493,10138	0	44
	10	9,44739,80826	7,21524	9,98225,07998	61442	9,46514,72828	7,82966	10,53485,27172	50	
	20	9,44747,02221	7,21395	9,98224,46545	61453	9,46522,55676	7,82848	10,53477,44324	40	
	30	9,44754,23484	7,21263	9,98223,85081	61464	9,46530,38403	7,82727	10,53469,61597	30	
	40	9,44761,44618	7,21134	9,98223,23605	61476	9,46538,21013	7,82610	10,53461,78987	20	
	50	9,44768,65623	7,21005	9,98222,62118	61487	9,46546,03505	7,82492	10,53453,96495	10	
17	0	9,44775,86499	7,20876	9,98222,00620	61498	9,46553,85879	7,82374	10,53446,14121	0	43
	10	9,44783,07246	7,20747	9,98221,39111	61509	9,46561,68135	7,82256	10,53438,31865	50	
	20	9,44790,27859	7,20613	9,98220,77591	61520	9,46569,50268	7,82133	10,53430,49732	40	
	30	9,44797,48344	7,20485	9,98220,16060	61531	9,46577,32284	7,82016	10,53422,67716	30	
	40	9,44804,68698	7,20354	9,98219,54518	61542	9,46585,14180	7,81896	10,53414,85820	20	
	50	9,44811,88924	7,20226	9,98218,92965	61553	9,46592,95959	7,81779	10,53407,04041	10	
18	0	9,44819,09021	7,20097	9,98218,31401	61564	9,46600,77620	7,81661	10,53399,22380	0	42
	10	9,44826,28988	7,19967	9,98217,69826	61575	9,46608,59162	7,81542	10,53391,40838	50	
	20	9,44833,48826	7,19838	9,98217,08240	61586	9,46616,40586	7,81424	10,53383,59414	40	
	30	9,44840,68531	7,19705	9,98216,46643	61597	9,46624,21888	7,81302	10,53375,78112	30	
	40	9,44847,88108	7,19577	9,98215,85034	61609	9,46632,03074	7,81186	10,53367,96926	20	
	50	9,44855,07556	7,19448	9,98215,23414	61620	9,46639,84142	7,81068	10,53360,15858	10	
19	0	9,44862,26878	7,19322	9,98214,61783	61631	9,46647,65095	7,80953	10,53352,34905	0	41
	10	9,44869,46069	7,19191	9,98214,00141	61642	9,46655,45928	7,80833	10,53344,54072	50	
	20	9,44876,65129	7,19060	9,98213,38489	61652	9,46663,26640	7,80712	10,53336,73360	40	
	30	9,44883,84061	7,18932	9,98212,76824	61665	9,46671,07237	7,80597	10,53328,92763	30	
	40	9,44891,02864	7,18803	9,98212,15150	61674	9,46678,87714	7,80477	10,53321,12286	20	
	50	9,44898,21538	7,18674	9,98211,53463	61687	9,46686,68075	7,80361	10,53313,31925	10	
20	0	9,44905,40081	7,18543	9,98210,91767	61696	9,46694,48314	7,80239	10,53305,51686	0	40
		Sin. comple.	7,18413	SINVVM	61709	Tang.compl	7,80122	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,44905,40081	7,18413	9,98210,91767	61709	9,46694,48314	7,80122	10,53305,51686	0	40
	10	9,44912,58494	7,18286	9,98210,30058	61719	9,46702,28436	7,80005	10,53297,71564	50	
	20	9,44919,76780	7,18157	9,98209,68339	61730	9,46710,08441	7,79887	10,53289,91559	40	
	30	9,44926,94937	7,18027	9,98209,06609	61741	9,46717,88328	7,79768	10,53282,11672	30	
	40	9,44934,12964	7,17900	9,98208,44868	61753	9,46725,68096	7,79653	10,53274,31904	20	
	50	9,44941,30864	7,17771	9,98207,83115	61764	9,46733,47749	7,79535	10,53266,52251	10	
21	0	9,44948,48635	7,17640	9,98207,21351	61774	9,46741,27284	7,79414	10,53258,72716	0	39
	10	9,44955,66275	7,17513	9,98206,59577	61786	9,46749,06698	7,79299	10,53250,93302	50	
	20	9,44962,83788	7,17384	9,98205,97791	61797	9,46756,85997	7,79181	10,53243,14003	40	
	30	9,44970,01172	7,17256	9,98205,35994	61808	9,46764,65178	7,79064	10,53235,34822	30	
	40	9,44977,18428	7,17127	9,98204,74186	61819	9,46772,44242	7,78946	10,53227,55758	20	
	50	9,44984,35555	7,16997	9,98204,12367	61830	9,46780,23188	7,78827	10,53219,76812	10	
22	0	9,44991,52552	7,16870	9,98203,50537	61841	9,46788,02015	7,78711	10,53211,97985	0	38
	10	9,44998,69422	7,16740	9,98202,88696	61852	9,46795,80726	7,78592	10,53204,19274	50	
	20	9,45005,86162	7,16612	9,98202,26844	61863	9,46803,59318	7,78475	10,53196,40682	40	
	30	9,45013,02774	7,16485	9,98201,64981	61875	9,46811,37793	7,78360	10,53188,62207	30	
	40	9,45020,19259	7,16356	9,98201,03106	61886	9,46819,16153	7,78242	10,53180,83847	20	
	50	9,45027,35615	7,16227	9,98200,41220	61897	9,46826,94395	7,78124	10,53173,05605	10	
23	0	9,45034,51842	7,16099	9,98199,79323	61908	9,46834,72519	7,78007	10,53165,27481	0	37
	10	9,45041,67941	7,15971	9,98199,17415	61919	9,46842,50526	7,77890	10,53157,49474	50	
	20	9,45048,83912	7,15842	9,98198,55496	61930	9,46850,28416	7,77772	10,53149,71584	40	
	30	9,45055,99754	7,15714	9,98197,93566	61941	9,46858,06188	7,77655	10,53141,93812	30	
	40	9,45063,15468	7,15586	9,98197,31625	61952	9,46865,83843	7,77538	10,53134,16157	20	
	50	9,45070,31054	7,15458	9,98196,69673	61963	9,46873,61381	7,77421	10,53126,38619	10	
24	0	9,45077,46512	7,15330	9,98196,07710	61974	9,46881,38802	7,77304	10,53118,61198	0	36
	10	9,45084,61842	7,15202	9,98195,45736	61985	9,46889,16106	7,77187	10,53110,83894	50	
	20	9,45091,77044	7,15074	9,98194,83751	61997	9,46896,93293	7,77071	10,53103,06707	40	
	30	9,45098,92118	7,14947	9,98194,21754	62008	9,46904,70364	7,76955	10,53095,29636	30	
	40	9,45106,07065	7,14818	9,98193,59746	62019	9,46912,47319	7,76837	10,53087,52681	20	
	50	9,45113,21883	7,14691	9,98192,97727	62030	9,46920,24156	7,76721	10,53079,75844	10	
25	0	9,45120,36574	7,14564	9,98192,35697	62042	9,46928,00877	7,76606	10,53071,99123	0	35
	10	9,45127,51138	7,14435	9,98191,73655	62052	9,46935,77483	7,76487	10,53064,22517	50	
	20	9,45134,65573	7,14306	9,98191,11603	62063	9,46943,53970	7,76369	10,53056,46030	40	
	30	9,45141,79879	7,14179	9,98190,49540	62074	9,46951,30339	7,76253	10,53048,69661	30	
	40	9,45148,94058	7,14052	9,98189,87466	62085	9,46959,06592	7,76137	10,53040,93408	20	
	50	9,45156,08110	7,13923	9,98189,25381	62096	9,46966,82729	7,76019	10,53033,17271	10	
26	0	9,45163,22033	7,13796	9,98188,63285	62107	9,46974,58748	7,75903	10,53025,41252	0	34
	10	9,45170,35829	7,13669	9,98188,01178	62118	9,46982,34651	7,75787	10,53017,65349	50	
	20	9,45177,49498	7,13542	9,98187,39060	62130	9,46990,10438	7,75672	10,53009,89562	40	
	30	9,45184,63040	7,13414	9,98186,76930	62141	9,46997,86110	7,75555	10,53002,13890	30	
	40	9,45191,76454	7,13286	9,98186,14789	62152	9,47005,61665	7,75438	10,52994,38335	20	
	50	9,45198,89740	7,13161	9,98185,52637	62163	9,47013,37103	7,75324	10,52986,62897	10	
27	0	9,45206,02901	7,13033	9,98184,90474	62174	9,47021,12427	7,75207	10,52978,87573	0	33
	10	9,45213,15934	7,12905	9,98184,28300	62185	9,47028,87634	7,75090	10,52971,12366	50	
	20	9,45220,28839	7,12776	9,98183,66115	62196	9,47036,62724	7,74972	10,52963,37276	40	
	30	9,45227,41615	7,12651	9,98183,03919	62207	9,47044,37696	7,74858	10,52955,62304	30	
	40	9,45234,54266	7,12524	9,98182,41712	62219	9,47052,12554	7,74743	10,52947,87446	20	
	50	9,45241,66790	7,12396	9,98181,79493	62230	9,47059,87297	7,74626	10,52940,12703	10	
28	0	9,45248,79186	7,12269	9,98181,17263	62240	9,47067,61923	7,74509	10,52932,38077	0	32
	10	9,45255,91455	7,12143	9,98180,55023	62252	9,47075,36432	7,74395	10,52924,63568	50	
	20	9,45263,03598	7,12015	9,98179,92771	62263	9,47083,10827	7,74278	10,52916,89173	40	
	30	9,45270,15613	7,11889	9,98179,30508	62274	9,47090,85105	7,74163	10,52909,14895	30	
	40	9,45277,27502	7,11762	9,98178,68234	62285	9,47098,59268	7,74047	10,52901,40732	20	
	50	9,45284,39264	7,11634	9,98178,05949	62296	9,47106,33315	7,73930	10,52893,66685	10	
29	0	9,45291,50898	7,11508	9,98177,43653	62307	9,47114,07245	7,73815	10,52885,92755	0	31
	10	9,45298,62406	7,11381	9,98176,81346	62318	9,47121,81060	7,73699	10,52878,18940	50	
	20	9,45305,73787	7,11254	9,98176,19028	62329	9,47129,54759	7,73583	10,52870,45241	40	
	30	9,45312,85041	7,11128	9,98175,56699	62341	9,47137,28342	7,73469	10,52862,71658	30	
	40	9,45319,96169	7,11001	9,98174,94358	62352	9,47145,01811	7,73353	10,52854,98189	20	
	50	9,45327,07170	7,10875	9,98174,32006	62363	9,47152,75164	7,73238	10,52847,24836	10	
30	0	9,45334,18045	7,10750	9,98173,69643	62375	9,47160,48402	7,73125	10,52839,51598	0	30
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
30	0	9,45334,18045	7,10750	9,98173,69643	62375	9,47160,48402	7,73125	10,52839,51598	0	30
	10	9,45341,28795	7,10621	9,98173,07268	62385	9,47168,21527	7,73006	10,52831,78473	50	
	20	9,45348,39416	7,10496	9,98172,44883	62396	9,47175,94533	7,72892	10,52824,05467	40	
	30	9,45355,49912	7,10368	9,98171,82487	62407	9,47183,67425	7,72775	10,52816,32575	30	
	40	9,45362,60280	7,10243	9,98171,20080	62418	9,47191,40200	7,72661	10,52808,59800	20	
	50	9,45369,70523	7,10115	9,98170,57662	62429	9,47199,12861	7,72544	10,52800,87139	10	
31	0	9,45376,80638	7,09989	9,98169,95233	62440	9,47206,85405	7,72429	10,52793,14595	0	29
	10	9,45383,90627	7,09864	9,98169,32793	62452	9,47214,57834	7,72316	10,52785,42166	50	
	20	9,45391,00491	7,09737	9,98168,70341	62463	9,47222,30150	7,72200	10,52777,69850	40	
	30	9,45398,10228	7,09611	9,98168,07878	62474	9,47230,02350	7,72085	10,52769,97650	30	
	40	9,45405,19839	7,09485	9,98167,45404	62485	9,47237,74435	7,71970	10,52762,25565	20	
	50	9,45412,29324	7,09359	9,98166,82919	62496	9,47245,46405	7,71855	10,52754,53595	10	
32	0	9,45419,38683	7,09233	9,98166,20423	62507	9,47253,18260	7,71740	10,52746,81740	0	28
	10	9,45426,47916	7,09106	9,98165,57916	62518	9,47260,90000	7,71624	10,52739,10000	50	
	20	9,45433,57022	7,08980	9,98164,95398	62529	9,47268,61624	7,71509	10,52731,38376	40	
	30	9,45440,66002	7,08853	9,98164,32869	62540	9,47276,33133	7,71393	10,52723,66867	30	
	40	9,45447,74855	7,08730	9,98163,70329	62552	9,47284,04526	7,71282	10,52715,95474	20	
	50	9,45454,83585	7,08603	9,98163,07777	62563	9,47291,75808	7,71166	10,52708,24192	10	
33	0	9,45461,92188	7,08476	9,98162,45214	62574	9,47299,46974	7,71050	10,52700,53026	0	27
	10	9,45469,00664	7,08351	9,98161,82640	62585	9,47307,18024	7,70936	10,52692,81976	50	
	20	9,45476,09015	7,08228	9,98161,20055	62596	9,47314,88960	7,70824	10,52685,11040	40	
	30	9,45483,17243	7,08102	9,98160,57459	62607	9,47322,59784	7,70709	10,52677,40216	30	
	40	9,45490,25345	7,07974	9,98159,94852	62618	9,47330,30493	7,70592	10,52669,69507	20	
	50	9,45497,33319	7,07848	9,98159,32234	62629	9,47338,01085	7,70477	10,52661,98915	10	
34	0	9,45504,41167	7,07722	9,98158,69605	62640	9,47345,71562	7,70362	10,52654,28438	0	26
	10	9,45511,48889	7,07599	9,98158,06965	62652	9,47353,41924	7,70251	10,52646,58076	50	
	20	9,45518,56488	7,07473	9,98157,44313	62663	9,47361,12175	7,70136	10,52638,87825	40	
	30	9,45525,63961	7,07346	9,98156,81650	62674	9,47368,82311	7,70020	10,52631,17689	30	
	40	9,45532,71307	7,07222	9,98156,18976	62685	9,47376,52331	7,69907	10,52623,47669	20	
	50	9,45539,78529	7,07097	9,98155,56291	62696	9,47384,22238	7,69793	10,52615,77762	10	
35	0	9,45546,85626	7,06972	9,98154,93595	62707	9,47391,92031	7,69679	10,52608,07969	0	25
	10	9,45553,92598	7,06845	9,98154,30888	62718	9,47399,61710	7,69563	10,52600,38290	50	
	20	9,45560,99443	7,06719	9,98153,68170	62729	9,47407,31273	7,69448	10,52592,68727	40	
	30	9,45568,06162	7,06595	9,98153,05441	62740	9,47415,00721	7,69335	10,52584,99279	30	
	40	9,45575,12757	7,06371	9,98152,42701	62752	9,47422,70056	7,69223	10,52577,29944	20	
	50	9,45582,19228	7,06344	9,98151,79949	62763	9,47430,39279	7,69107	10,52569,60721	10	
36	0	9,45589,25572	7,06221	9,98151,17186	62775	9,47438,08386	7,68996	10,52561,91614	0	24
	10	9,45596,31793	7,06094	9,98150,54411	62784	9,47445,77382	7,68878	10,52554,22618	50	
	20	9,45603,37887	7,05970	9,98149,91627	62797	9,47453,46260	7,68767	10,52546,53740	40	
	30	9,45610,43857	7,05845	9,98149,28830	62806	9,47461,15027	7,68651	10,52538,84973	30	
	40	9,45617,49702	7,05720	9,98148,66024	62819	9,47468,83678	7,68539	10,52531,16322	20	
	50	9,45624,55422	7,05594	9,98148,03205	62829	9,47476,52217	7,68423	10,52523,47783	10	
37	0	9,45631,61016	7,05470	9,98147,40376	62840	9,47484,20640	7,68310	10,52515,79360	0	23
	10	9,45638,66486	7,05345	9,98146,77536	62852	9,47491,88950	7,68197	10,52508,11050	50	
	20	9,45645,71831	7,05222	9,98146,14684	62863	9,47499,57147	7,68085	10,52500,42853	40	
	30	9,45652,77053	7,05096	9,98145,51821	62874	9,47507,25232	7,67970	10,52492,74768	30	
	40	9,45659,82149	7,04973	9,98144,88947	62885	9,47514,93202	7,67858	10,52485,06798	20	
	50	9,45666,87122	7,04845	9,98144,26062	62896	9,47522,61060	7,67741	10,52477,38940	10	
38	0	9,45673,91967	7,04722	9,98143,63166	62907	9,47530,28801	7,67629	10,52469,71199	0	22
	10	9,45680,96689	7,04597	9,98143,00259	62918	9,47537,96430	7,67515	10,52462,03570	50	
	20	9,45688,01286	7,04473	9,98142,37341	62929	9,47545,63945	7,67402	10,52454,36055	40	
	30	9,45695,05759	7,04348	9,98141,74412	62941	9,47553,31347	7,67289	10,52446,68653	30	
	40	9,45702,10107	7,04226	9,98141,11471	62952	9,47560,98636	7,67178	10,52439,01364	20	
	50	9,45709,14333	7,04100	9,98140,48519	62963	9,47568,65814	7,67063	10,52431,34186	10	
39	0	9,45716,18433	7,03976	9,98139,85556	62974	9,47576,32877	7,66950	10,52423,67123	0	21
	10	9,45723,22409	7,03850	9,98139,22582	62985	9,47583,99827	7,66835	10,52416,00173	50	
	20	9,45730,26259	7,03727	9,98138,59597	62996	9,47591,66662	7,66723	10,52408,33338	40	
	30	9,45737,29986	7,03602	9,98137,96601	63007	9,47599,33385	7,66609	10,52400,66615	30	
	40	9,45744,33588	7,03479	9,98137,33594	63018	9,47606,99994	7,66497	10,52393,00006	20	
	50	9,45751,37067	7,03354	9,98136,70576	63030	9,47614,66491	7,66384	10,52385,33509	10	
40	0	9,45758,40421	7,03230	9,98136,07546	63041	9,47622,32875	7,66271	10,52377,67125	0	20
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
40	0	9,45758,40421	7,03230	9,98136,07546	63041	9,47622,32875	7,66271	10,52377,67125	0	20
	10	9,45765,43651	7,03108	9,98135,44505	63052	9,47629,99146	7,66160	10,52370,00854	50	
	20	9,45772,46759	7,02982	9,98134,81453	63063	9,47637,65306	7,66045	10,52362,34694	40	
	30	9,45779,49741	7,02858	9,98134,18390	63074	9,47645,31351	7,65932	10,52354,68649	30	
	40	9,45786,52599	7,02733	9,98133,55316	63085	9,47652,97283	7,65818	10,52347,02717	20	
	59	9,45793,55332	7,02611	9,98132,92231	63096	9,47660,63101	7,65707	10,52339,36899	10	
41	0	9,45800,57943	7,02487	9,98132,29135	63107	9,47668,28808	7,65594	10,52331,71192	0	19
	10	9,45807,60430	7,02362	9,98131,66028	63118	9,47675,94402	7,65480	10,52324,05598	50	
	20	9,45814,62792	7,02239	9,98131,02910	63130	9,47683,59882	7,65369	10,52316,40118	40	
	30	9,45821,65031	7,02116	9,98130,39780	63141	9,47691,25251	7,65257	10,52308,74749	30	
	40	9,45828,67147	7,01991	9,98129,76639	63152	9,47698,90508	7,65143	10,52301,09492	20	
	50	9,45835,69138	7,01867	9,98129,13487	63163	9,47706,55651	7,65030	10,52293,44349	10	
42	0	9,45842,71005	7,01744	9,98128,50324	63174	9,47714,20681	7,64918	10,52285,79319	0	18
	10	9,45849,72749	7,01620	9,98127,87150	63185	9,47721,85599	7,64805	10,52278,14401	50	
	20	9,45856,74369	7,01497	9,98127,23965	63196	9,47729,50404	7,64693	10,52270,49596	40	
	30	9,45863,75866	7,01375	9,98126,60769	63208	9,47737,15097	7,64583	10,52262,84903	30	
	40	9,45870,77241	7,01250	9,98125,97561	63219	9,47744,79680	7,64469	10,52255,20320	20	
	50	9,45877,78491	7,01127	9,98125,34342	63230	9,47752,44149	7,64357	10,52247,55851	10	
43	0	9,45884,79618	7,01004	9,98124,71112	63241	9,47760,08506	7,64245	10,52239,91494	0	17
	10	9,45891,80622	7,00879	9,98124,07871	63252	9,47767,72751	7,64131	10,52232,27249	50	
	20	9,45898,81501	7,00758	9,98123,44619	63263	9,47775,36882	7,64021	10,52224,63118	40	
	30	9,45905,82259	7,00635	9,98122,81356	63274	9,47783,00903	7,63909	10,52216,99097	30	
	40	9,45912,82894	7,00511	9,98122,18082	63286	9,47790,64812	7,63797	10,52209,35188	20	
	50	9,45919,83405	7,00386	9,98121,54796	63297	9,47798,28609	7,63683	10,52201,71391	10	
44	0	9,45926,83791	7,00263	9,98120,91499	63308	9,47805,92292	7,63571	10,52194,07708	0	16
	10	9,45933,84054	7,00142	9,98120,28191	63319	9,47813,55863	7,63461	10,52186,44137	50	
	20	9,45940,84196	7,00018	9,98119,64872	63330	9,47821,19324	7,63348	10,52178,80676	40	
	30	9,45947,84214	6,99896	9,98119,01542	63341	9,47828,82672	7,63237	10,52171,17328	30	
	40	9,45954,84110	6,99770	9,98118,38201	63352	9,47836,45909	7,63122	10,52163,54091	20	
	50	9,45961,83880	6,99648	9,98117,74849	63363	9,47844,09031	7,63011	10,52155,90969	10	
45	0	9,45968,83528	6,99525	9,98117,11486	63374	9,47851,72042	7,62899	10,52148,27958	0	15
	10	9,45975,83053	6,99404	9,98116,48112	63386	9,47859,34941	7,62790	10,52140,65059	50	
	20	9,45982,82457	6,99279	9,98115,84726	63397	9,47866,97731	7,62676	10,52133,02269	40	
	30	9,45989,81736	6,99157	9,98115,21329	63408	9,47874,60407	7,62565	10,52125,39593	30	
	40	9,45996,80893	6,99036	9,98114,57921	63419	9,47882,22972	7,62455	10,52117,77028	20	
	50	9,46003,79929	6,98912	9,98113,94502	63430	9,47889,85427	7,62342	10,52110,14573	10	
46	0	9,46010,78841	6,98790	9,98113,31072	63441	9,47897,47769	7,62231	10,52102,52231	0	14
	10	9,46017,77631	6,98668	9,98112,67631	63452	9,47905,10000	7,62120	10,52094,90000	50	
	20	9,46024,76299	6,98543	9,98112,04179	63464	9,47912,72120	7,62007	10,52087,27880	40	
	30	9,46031,74842	6,98422	9,98111,40715	63475	9,47920,34127	7,61897	10,52079,65873	30	
	40	9,46038,73264	6,98298	9,98110,77240	63486	9,47927,96024	7,61784	10,52072,03976	20	
	50	9,46045,71562	6,98177	9,98110,13754	63497	9,47935,57808	7,61674	10,52064,42192	10	
47	0	9,46052,69739	6,98053	9,98109,50257	63508	9,47943,19482	7,61561	10,52056,80518	0	13
	10	9,46059,67792	6,97932	9,98108,86749	63519	9,47950,81043	7,61451	10,52049,18957	50	
	20	9,46066,65724	6,97810	9,98108,23230	63530	9,47958,42494	7,61340	10,52041,57506	40	
	30	9,46073,63534	6,97686	9,98107,59700	63541	9,47966,03834	7,61227	10,52033,96166	30	
	40	9,46080,61220	6,97566	9,98106,96159	63553	9,47973,65061	7,61119	10,52026,34939	20	
	50	9,46087,58786	6,97443	9,98106,32606	63564	9,47981,26180	7,61007	10,52018,73820	10	
48	0	9,46094,56229	6,97322	9,98105,69042	63575	9,47988,87187	7,60897	10,52011,12813	0	12
	10	9,46101,53551	6,97198	9,98105,05467	63586	9,47996,48084	7,60784	10,52003,51916	50	
	20	9,46108,50749	6,97075	9,98104,41881	63597	9,48004,08868	7,60672	10,51995,91132	40	
	30	9,46115,47824	6,96955	9,98103,78284	63608	9,48011,69540	7,60563	10,51988,30460	30	
	40	9,46122,44779	6,96833	9,98103,14676	63620	9,48019,30103	7,60453	10,51980,69897	20	
	50	9,46129,41612	6,96709	9,98102,51056	63631	9,48026,90556	7,60340	10,51973,09444	10	
49	0	9,46136,38321	6,96589	9,98101,87425	63642	9,48034,50896	7,60231	10,51965,49104	0	11
	10	9,46143,34910	6,96465	9,98101,23783	63653	9,48042,11127	7,60118	10,51957,88873	50	
	20	9,46150,31375	6,96345	9,98100,60130	63664	9,48049,71245	7,60009	10,51950,28755	40	
	30	9,46157,27720	6,96224	9,98099,96466	63675	9,48057,31254	7,59899	10,51942,68746	30	
	40	9,46164,23944	6,96100	9,98099,32791	63686	9,48064,91153	7,59786	10,51935,08847	20	
	50	9,46171,20044	6,95978	9,98098,69105	63698	9,48072,50939	7,59676	10,51927,49061	10	
50	0	9,46178,16022	6,95858	9,98098,05407	63709	9,48080,10615	7,59567	10,51919,89385	0	10
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin.comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi:		
50	0	9,46178,16022	6,95858	9,98098,05407	63709	9,48080,10615	7,59567	10,51919,89385	0	10
	10	9,46185,11880	6,95735	9,98097,41698	63720	9,48087,70182	7,59455	10,51912,29818	50	
	20	9,46192,07615	6,95614	9,98096,77978	63731	9,48095,29637	7,59345	10,51904,70363	40	
	30	9,46199,03229	6,95492	9,98096,14247	63742	9,48102,88982	7,59234	10,51897,11018	30	
	40	9,46205,98721	6,95371	9,98095,50505	63753	9,48110,48216	7,59124	10,51889,51784	20	
	50	9,46212,94092	6,95248	9,98094,86752	63764	9,48118,07340	7,59012	10,51881,92660	10	
51	0	9,46219,89340	6,95127	9,98094,22988	63775	9,48125,66352	7,58902	10,51874,33648	0	9
	10	9,46226,84467	6,95006	9,98093,59213	63787	9,48133,25254	7,58793	10,51866,74746	50	
	20	9,46233,79473	6,94886	9,98092,95426	63798	9,48140,84047	7,58684	10,51859,15953	40	
	30	9,46240,74359	6,94765	9,98092,31628	63809	9,48148,42731	7,58574	10,51851,57269	30	
	40	9,46247,69124	6,94641	9,98091,67819	63820	9,48156,01305	7,58461	10,51843,98695	20	
	50	9,46254,63765	6,94520	9,98091,03999	63831	9,48163,59766	7,58351	10,51836,40234	10	
52	0	9,46261,58285	6,94399	9,98090,40168	63842	9,48171,18117	7,58241	10,51828,81883	0	8
	10	9,46268,52684	6,94278	9,98089,76326	63853	9,48178,76358	7,58131	10,51821,23642	50	
	20	9,46275,46962	6,94158	9,98089,12473	63865	9,48186,34489	7,58023	10,51813,65511	40	
	30	9,46282,41120	6,94037	9,98088,48608	63876	9,48193,92512	7,57913	10,51806,07488	30	
	40	9,46289,35157	6,93917	9,98087,84732	63887	9,48201,50425	7,57804	10,51798,49575	20	
	50	9,46296,29074	6,93792	9,98087,20845	63898	9,48209,08229	7,57690	10,51790,91771	10	
53	0	9,46303,22866	6,93672	9,98086,56947	63909	9,48216,65919	7,57581	10,51783,34081	0	7
	10	9,46310,16538	6,93551	9,98085,93038	63920	9,48224,23500	7,57471	10,51775,76500	50	
	20	9,46317,10089	6,93432	9,98085,29118	63932	9,48231,80971	7,57364	10,51768,19029	40	
	30	9,46324,03521	6,93312	9,98084,65186	63943	9,48239,38335	7,57255	10,51760,61665	30	
	40	9,46330,96833	6,93188	9,98084,01243	63954	9,48246,95590	7,57142	10,51753,04410	20	
	50	9,46337,90021	6,93067	9,98083,37289	63965	9,48254,52732	7,57032	10,51745,47268	10	
54	0	9,46344,83088	6,92947	9,98082,73324	63976	9,48262,09764	7,56923	10,51737,90236	0	6
	10	9,46351,76035	6,92828	9,98082,09348	63987	9,48269,66687	7,56815	10,51730,33313	50	
	20	9,46358,68863	6,92706	9,98081,45361	63998	9,48277,23502	7,56704	10,51722,76498	40	
	30	9,46365,61569	6,92586	9,98080,81363	64010	9,48284,80206	7,56596	10,51715,19794	30	
	40	9,46372,54155	6,92465	9,98080,17353	64021	9,48292,36802	7,56486	10,51707,63198	20	
	50	9,46379,46620	6,92344	9,98079,53332	64032	9,48299,93288	7,56376	10,51700,06712	10	
55	0	9,46386,38964	6,92224	9,98078,89300	64043	9,48307,49664	7,56267	10,51692,50336	0	5
	10	9,46393,31188	6,92101	9,98078,25257	64054	9,48315,05931	7,56155	10,51684,94069	50	
	20	9,46400,23289	6,91983	9,98077,61203	64065	9,48322,62086	7,56048	10,51677,37914	40	
	30	9,46407,15272	6,91863	9,98076,97138	64076	9,48330,18134	7,55939	10,51669,81866	30	
	40	9,46414,07135	6,91740	9,98076,33062	64088	9,48337,74073	7,55828	10,51662,25927	20	
	50	9,46420,98875	6,91622	9,98075,68974	64099	9,48345,29901	7,55721	10,51654,70099	10	
56	0	9,46427,90497	6,91503	9,98075,04875	64110	9,48352,85622	7,55613	10,51647,14378	0	4
	10	9,46434,82000	6,91380	9,98074,40765	64121	9,48360,41235	7,55501	10,51639,58765	50	
	20	9,46441,73380	6,91260	9,98073,76644	64132	9,48367,96736	7,55392	10,51632,03264	40	
	30	9,46448,64640	6,91140	9,98073,12512	64143	9,48375,52128	7,55283	10,51624,47872	30	
	40	9,46455,55780	6,91019	9,98072,48369	64155	9,48383,07411	7,55174	10,51616,92589	20	
	50	9,46462,46799	6,90901	9,98071,84214	64166	9,48390,62585	7,55067	10,51609,37415	10	
57	0	9,46469,37700	6,90781	9,98071,20048	64177	9,48398,17652	7,54958	10,51601,82348	0	3
	10	9,46476,28481	6,90659	9,98070,55871	64188	9,48405,72610	7,54847	10,51594,27390	50	
	20	9,46483,19140	6,90540	9,98069,91683	64199	9,48413,27457	7,54739	10,51586,72543	40	
	30	9,46400,09680	6,90418	9,98069,27484	64210	9,48420,82196	7,54628	10,51579,17804	30	
	40	9,46497,00098	6,90299	9,98068,63274	64222	9,48428,36824	7,54521	10,51571,63176	20	
	50	9,46503,90397	6,90182	9,98067,99052	64233	9,48435,91345	7,54415	10,51564,08655	10	
58	0	9,46510,80579	6,90060	9,98067,34819	64244	9,48443,45760	7,54304	10,51556,54240	0	2
	10	9,46517,70639	6,89942	9,98066,70575	64255	9,48451,00064	7,54197	10,51548,99936	50	
	20	9,46524,60581	6,89819	9,98066,06320	64266	9,48458,54261	7,54085	10,51541,45739	40	
	30	9,46531,50400	6,89699	9,98065,42054	64277	9,48466,08346	7,53976	10,51533,91654	30	
	40	9,46538,40099	6,89581	9,98064,77777	64288	9,48473,62322	7,53869	10,51526,37678	20	
	50	9,46545,29680	6,89462	9,98064,13489	64300	9,48481,16191	7,53762	10,51518,83809	10	
59	0	9,46552,19142	6,89342	9,98063,49189	64311	9,48488,69953	7,53653	10,51511,30047	0	1
	10	9,46559,08484	6,89221	9,98062,84878	64322	9,48496,23606	7,53543	10,51503,76394	50	
	20	9,46565,97705	6,89103	9,98062,20556	64333	9,48503,77149	7,53436	10,51496,22851	40	
	30	9,46572,86808	6,88982	9,98061,56223	64344	9,48511,30585	7,53326	10,51488,69415	30	
	40	9,46579,75790	6,88865	9,98060,91879	64356	9,48518,83911	7,53221	10,51481,16089	20	
	50	9.46586,64655	6,88745	9,98060,27523	64367	9,48526,37132	7,53112	10,51473,62868	10	
60	0	9,46593,53400	6,88626	9,98059,63156	64378	9,48533,90244	7,53004	10,51466,09756	0	0
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	TANGEN. Logarithmi.	Diff.	Sin. comple. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	9,46593,53400	6,88626	9,98059,63156	64378	9,48533,90244	7,53004	10,51466,09756	0	60
	10	9,46600,42026	6,88504	9,98058,98778	64389	9,48541,43248	7,52893	10,51458,56752	50	
	20	9,46607,30530	6,88386	9,98058,34389	64400	9,48548,96141	7,52786	10,51451,03859	40	
	30	9,46614,18916	6,88265	9,98057,69989	64411	9,48556,48927	7,52676	10,51443,51073	30	
	40	9,46621,07181	6,88147	9,98057,05578	64422	9,48564,01603	7,52569	10,51435,98397	20	
	50	9,46627,95328	6,88029	9,98056,41156	64434	9,48571,54172	7,52463	10,51428,45828	10	
1	0	9,46634,83357	6,87910	9,98055,76722	64445	9,48579,06635	7,52355	10,51420,93365	0	59
	10	9,46641,71267	6,87789	9,98055,12277	64456	9,48586,58990	7,52245	10,51413,41010	50	
	20	9,46648,59056	6,87670	9,98054,47821	64467	9,48594,11235	7,52137	10,51405,88765	40	
	30	9,46655,46726	6,87552	9,98053,83354	64478	9,48601,63372	7,52030	10,51398,36628	30	
	40	9,46662,34278	6,87432	9,98053,18876	64489	9,48609,15402	7,51921	10,51390,84598	20	
	50	9,46669,21710	6,87314	9,98052,54387	64501	9,48616,67323	7,51815	10,51383,32677	10	
2	0	9,46676,09024	6,87193	9,98051,89886	64512	9,48624,19138	7,51705	10,51375,80862	0	58
	10	9,46682,96217	6,87076	9,98051,25374	64523	9,48631,70843	7,51599	10,51368,29157	50	
	20	9,46689,83293	6,86957	9,98050,60851	64534	9,48639,22442	7,51491	10,51360,77558	40	
	30	9,46696,70250	6,86837	9,98049,96317	64545	9,48646,73933	7,51382	10,51353,26067	30	
	40	9,46703,57087	6,86719	9,98049,31772	64556	9,48654,25315	7,51275	10,51345,74685	20	
	50	9,46710,43806	6,86600	9,98048,67216	64567	9,48661,76590	7,51167	10,51338,23410	10	
3	0	9,46717,30406	6,86482	9,98048,02649	64579	9,48669,27757	7,51061	10,51330,72243	0	57
	10	9,46724,16888	6,86364	9,98047,38070	64590	9,48676,78818	7,50954	10,51323,21182	50	
	20	9,46731,03252	6,86244	9,98046,73480	64601	9,48684,29772	7,50845	10,51315,70228	40	
	30	9,46737,89496	6,86124	9,98046,08879	64612	9,48691,80617	7,50736	10,51308,19383	30	
	40	9,46744,75620	6,86007	9,98045,44267	64623	9,48699,31353	7,50630	10,51300,68647	20	
	50	9,46751,61627	6,85889	9,98044,79644	64635	9,48706,81983	7,50524	10,51293,18017	10	
4	0	9,46758,47516	6,85771	9,98044,15009	64646	9,48714,32507	7,50417	10,51285,67493	0	56
	10	9,46765,33287	6,85651	9,98043,50363	64657	9,48721,82924	7,50308	10,51278,17076	50	
	20	9,46772,18938	6,85533	9,98042,85706	64668	9,48729,33232	7,50201	10,51270,66768	40	
	30	9,46779,04471	6,85413	9,98042,21038	64679	9,48736,83433	7,50092	10,51263,16567	30	
	40	9,46785,89884	6,85296	9,98041,56359	64690	9,48744,33525	7,49986	10,51255,66475	20	
	50	9,46792,75180	6,85179	9,98040,91669	64702	9,48751,83511	7,49881	10,51248,16489	10	
5	0	9,46799,60359	6,85061	9,98040,26967	64714	9,48759,33392	7,49775	10,51240,66608	0	55
	10	9,46806,45420	6,84941	9,98039,62253	64724	9,48766,83167	7,49665	10,51233,16833	50	
	20	9,46813,30361	6,84823	9,98038,97529	64735	9,48774,32832	7,49558	10,51225,67168	40	
	30	9,46820,15184	6,84705	9,98038,32794	64746	9,48781,82390	7,49451	10,51218,17610	30	
	40	9,46826,99889	6,84587	9,98037,68048	64757	9,48789,31841	7,49344	10,51210,68159	20	
	50	9,46833,84476	6,84468	9,98037,03291	64769	9,48796,81185	7,49237	10,51203,18815	10	
6	0	9,46840,68944	6,84352	9,98036,38522	64780	9,48804,30422	7,49132	10,51195,69578	0	54
	10	9,46847,53296	6,84232	9,98035,73742	64791	9,48811,79554	7,49023	10,51188,20446	50	
	20	9,46854 37528	6,84114	9,98035,08951	64802	9,48819,28577	7,48916	10,51180,71423	40	
	30	9,46861,21642	6,83995	9,98034,44149	64813	9,48826,77493	7,48808	10,51173,22507	30	
	40	9,46868,05637	6,83879	9,98033,79336	64824	9,48834,26301	7,48703	10,51165,73699	20	
	50	9,46874,89516	6,83762	9,98033,14512	64836	9,48841,75004	7,48598	10,51158,24996	10	
7	0	9,46881,73278	6,83645	9,98032,49676	64847	9,48849,23602	7,48492	10,51150,76398	0	53
	10	9,46888,56923	6,83525	9,98031,84829	64858	9,48856,72094	7,48383	10,51143,27906	50	
	20	9,46895,40448	6,83406	9,98031,19971	64869	9,48864,20477	7,48275	10,51135,79523	40	
	30	9,46902,23854	6,83289	9,98030,55102	64880	9,48871,68752	7,48169	10,51128,31248	30	
	40	9,46909,07143	6,83172	9,98029,90222	64892	9,48879,16921	7,48064	10,51120,83079	20	
	50	9,46915,90315	6,83055	9,98029,25330	64903	9,48886,64985	7,47958	10,51113,35015	10	
8	0	9,46922,73370	6,82938	9,98028,60427	64914	9,48894,12943	7,47852	10,51105,87057	0	52
	10	9,46929,56308	6,82820	9,98027,95513	64925	9,48901,60795	7,47745	10,51098,39205	50	
	20	9,46936,39128	6,82699	9,98027,30588	64936	9,48909,08540	7,47635	10,51090,91460	40	
	30	9,46943,21827	6,82582	9,98026,65652	64947	9,48916,56175	7,47529	10,51083,43825	30	
	40	9,46950,04409	6,82466	9,98026,00705	64959	9,48924,03704	7,47425	10,51075,96296	20	
	50	9,46956,86875	6,82351	9,98025,35746	64970	9,48931,51129	7,47321	10,51068,48871	10	
9	0	9,46963,69226	6,82233	9,98024,70776	64981	9,48938,98450	7,47214	10,51061,01550	0	51
	10	9,46970,51459	6,82115	9,98024,05795	64992	9,48946,45664	7,47107	10,51053,54336	50	
	20	9,46977,33574	6,81997	9,98023,40803	65003	9,48953,92771	7,47000	10,51046,07229	40	
	30	9,46984,15571	6,81881	9,98022,75800	65015	9,48961,39771	7,46896	10,51038,60229	30	
	40	9,46990,97452	6,81763	9,98022,10785	65026	9,48968,86667	7,46789	10,51031,13333	20	
	50	9,46997,79215	6,81645	9,98021,45759	65037	9,48976,33456	7,46682	10,51023,66544	10	
10	0	9,47004,60860	6,81528	9,98020,80722	65048	9,48983,80138	7,46576	10,51016,19862	0	50
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPLEM. Logarithmi.		
10	0	9,47004,60860	6,81528	9,98020,80722	65048	9,48983,80138	7,46576	10,51016,19862	0	50
	10	9,47011,42388	6,81411	9,98020,15674	65059	9,48991,26714	7,46470	10,51008,73286	50	
	20	9,47018,23799	6,81292	9,98019,50615	65070	9,48998,73184	7,46362	10,51001,26816	40	
	30	9,47025,05091	6,81176	9,98018,85545	65082	9,49006,19546	7,46258	10,50993,80454	30	
	40	9,47031,86267	6,81060	9,98018,20463	65093	9,49013,65804	7,46153	10,50986,34196	20	
	50	9,47038,67327	6,80944	9,98017,55370	65104	9,49021,11957	7,46048	10,50978,88043	10	
11	0	9,47045,48271	6,80826	9,98016,90266	65115	9,49028,58005	7,45941	10,50971,41995	0	49
	10	9,47052,29097	6,80709	9,98016,25151	65126	9,49036,03946	7,45835	10,50963,96054	50	
	20	9,47059,09806	6,80592	9,98015,60025	65138	9,49043,49781	7,45730	10,50956,50219	40	
	30	9,47065,90398	6,80474	9,98014,94887	65149	9,49050,95511	7,45623	10,50949,04489	30	
	40	9,47072,70872	6,80359	9,98014,29738	65160	9,49058,41134	7,45519	10,50941,58866	20	
	50	9,47079,51231	6,80243	9,98013,64578	65171	9,49065,86653	7,45414	10,50934,13347	10	
12	0	9,47086,31474	6,80126	9,98012,99407	65182	9,49073,32067	7,45308	10,50926,67933	0	48
	10	9,47093,11600	6,80009	9,98012,34225	65194	9,49080,77375	7,45203	10,50919,22625	50	
	20	9,47099,91609	6,79890	9,98011,69031	65205	9,49088,22578	7,45095	10,50911,77422	40	
	30	9,47106,71499	6,79776	9,98011,03826	65216	9,49095,67673	7,44992	10,50904,32327	30	
	40	9,47113,51275	6,79658	9,98010,38610	65227	9,49103,12665	7,44885	10,50896,87335	20	
	50	9,47120,30933	6,79542	9,98009,73383	65238	9,49110,57550	7,44780	10,50889,42450	10	
13	0	9,47127,10475	6,79426	9,98009,08145	65249	9,49118,02330	7,44675	10,50881,97670	0	47
	10	9,47133,89901	6,79309	9,98008,42896	65261	9,49125,47005	7,44570	10,50874,52995	50	
	20	9,47140,69210	6,79191	9,98007,77635	65272	9,49132,91575	7,44463	10,50867,08425	40	
	30	9,47147,48401	6,79075	9,98007,12363	65283	9,49140,36038	7,44358	10,50859,63962	30	
	40	9,47154,27476	6,78959	9,98006,47080	65294	9,49147,80396	7,44253	10,50852,19604	20	
	50	9,47161,06435	6,78844	9,98005,81786	65305	9,49155,24649	7,44149	10,50844,75351	10	
14	0	9,47167,85279	6,78728	9,98005,16481	65317	9,49162,68798	7,44045	10,50837,31202	0	46
	10	9,47174,64007	6,78611	9,98004,51164	65328	9,49170,12843	7,43939	10,50829,87157	50	
	20	9,47181,42618	6,78494	9,98003,85836	65339	9,49177,56782	7,43833	10,50822,43218	40	
	30	9,47188,21112	6,78377	9,98003,20497	65350	9,49185,00615	7,43727	10,50814,99385	30	
	40	9,47194,99489	6,78262	9,98002,55147	65361	9,49192,44342	7,43623	10,50807,55658	20	
	50	9,47201,77751	6,78146	9,98001,89786	65372	9,49199,87965	7,43518	10,50800,12035	10	
15	0	9,47208,55897	6,78030	9,98001,24414	65384	9,49207,31483	7,43414	10,50792,68517	0	45
	10	9,47215,33927	6,77915	9,98000,59030	65395	9,49214,74897	7,43310	10,50785,25103	50	
	20	9,47222,11842	6,77797	9,97999,93635	65406	9,49222,18207	7,43203	10,50777,81793	40	
	30	9,47228,89639	6,77682	9,97999,28229	65417	9,49229,61410	7,43099	10,50770,38590	30	
	40	9,47235,67321	6,77565	9,97998,62812	65428	9,49237,04509	7,42993	10,50762,95491	20	
	50	9,47242,44886	6,77451	9,97997,97384	65440	9,49244,47502	7,42891	10,50755,52498	10	
16	0	9,47249,22337	6,77336	9,97997,31944	65451	9,49251,90393	7,42787	10,50748,09607	0	44
	10	9,47255,99673	6,77217	9,97996,66493	65462	9,49259,33180	7,42679	10,50740,66820	50	
	20	9,47262,76890	6,77102	9,97996,01031	65473	9,49266,75859	7,42575	10,50733,24141	40	
	30	9,47269,53992	6,76986	9,97995,35558	65484	9,49274,18434	7,42470	10,50725,81566	30	
	40	9,47276,30978	6,76871	9,97994,70074	65496	9,49281,60904	7,42367	10,50718,39096	20	
	50	9,47283,07849	6,76756	9,97994,04578	65507	9,49289,03271	7,42263	10,50710,96729	10	
17	0	9,47289,84605	6,76640	9,97993,39071	65518	9,49296,45534	7,42158	10,50703,54466	0	43
	10	9,47296,61245	6,76525	9,97992,73553	65529	9,49303,87692	7,42054	10,50696,12308	50	
	20	9,47303,37770	6,76408	9,97992,08024	65540	9,49311,29746	7,41948	10,50688,70254	40	
	30	9,47310,14178	6,76294	9,97991,42484	65552	9,49318,71694	7,41846	10,50681,28306	30	
	40	9,47316,90472	6,76177	9,97990,76932	65563	9,49326,13540	7,41740	10,50673,86460	20	
	50	9,47323,66649	6,76061	9,97990,11369	65574	9,49333,55280	7,41635	10,50666,44720	10	
18	0	9,47330,42710	6,75946	9,97989,45795	65585	9,49340,96915	7,41531	10,50659,03085	0	42
	10	9,47337,18656	6,75832	9,97988,80210	65597	9,49348,38446	7,41429	10,50651,61554	50	
	20	9,47343,94488	6,75717	9,97988,14613	65608	9,49355,79875	7,41325	10,50644,20125	40	
	30	9,47350,70205	6,75602	9,97987,49005	65619	9,49363,21200	7,41221	10,50636,78800	30	
	40	9,47357,45807	6,75484	9,97986,83386	65630	9,49370,62421	7,41114	10,50629,37579	20	
	50	9,47364,21291	6,75370	9,97986,17756	65641	9,49378,03535	7,41011	10,50621,96465	10	
19	0	9,47370,96661	6,75254	9,97985,52115	65652	9,49385,44546	7,40906	10,50614,55454	0	41
	10	9,47377,71915	6,75139	9,97984,86463	65664	9,49392,85452	7,40803	10,50607,14548	50	
	20	9,47384,47054	6,75025	9,97984,20799	65675	9,49400,26255	7,40700	10,50599,73745	40	
	30	9,47391,22079	6,74910	9,97983,55124	65686	9,49407,66955	7,40596	10,50592,33045	30	
	40	9,47397,96989	6,74795	9,97982,89438	65697	9,49415,07551	7,40492	10,50584,92449	20	
	50	9,47404,71784	6,74678	9,97982,23741	65708	9,49422,48043	7,40386	10,50577,51957	10	
20	0	9,47411,46462	6,74563	9,97981,58033	65720	9,49429,88429	7,40283	10,50570,11571	0	40
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

M	S	17 SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. complem. Logarithmi.	S	M
20	0	9,47411,46462	6,74563	9,97981,58033	65720	9,49429,88429	7,40283	10,50570,11571	0	40
	10	9,47418,21025	6,74451	9,97980,92313	65731	9,49437,28712	7,40182	10,50562,71288	50	
	20	9,47424,95476	6,74334	9,97980,26582	65742	9,49444,68894	7,40076	10,50555,31106	40	
	30	9,47431,69810	6,74221	9,97979,60840	65753	9,49452,08970	7,39974	10,50547,91030	30	
	40	9,47438,44031	6,74104	9,97978,95087	65764	9,49459,48944	7,39868	10,50540,51056	20	
	50	9,47445,18135	6,73989	9,97978,29323	65776	9,49466,88812	7,39765	10,50533,11188	10	
21	0	9,47451,92124	6,73875	9,97977,63547	65787	9,49474,28577	7,39662	10,50525,71423	0	39
	10	9,47458,65999	6,73761	9,97976,97760	65798	9,49481,68239	7,39559	10,50518,31761	50	
	20	9,47465,39760	6,73644	9,97976,31962	65809	9,49489,07798	7,39453	10,50510,92202	40	
	30	9,47472,13404	6,73530	9,97975,66153	65820	9,49496,47251	7,39350	10,50503,52749	30	
	40	9,47478,86934	6,73417	9,97975,00333	65832	9,49503,86601	7,39249	10,50496,13399	20	
	50	9,47485,60351	6,73302	9,97974,34501	65843	9,49511,25850	7,39145	10,50488,74150	10	
22	0	9,47492,33653	6,73187	9,97973,68658	65854	9,49518,64995	7,39041	10,50481,35005	0	38
	10	9,47499,06840	6,73071	9,97973,02804	65865	9,49526,04036	7,38936	10,50473,95964	50	
	20	9,47505,79911	6,72960	9,97972,36939	65877	9,49533,42972	7,38837	10,50466,57028	40	
	30	9,47512,52871	6,72845	9,97971,71062	65888	9,49540,81809	7,38733	10,50459,18191	30	
	40	9,47519,25716	6,72728	9,97971,05174	65899	9,49548,20542	7,38627	10,50451,79458	20	
	50	9,47525,98444	6,72614	9,97970,39275	65910	9,49555,59169	7,38524	10,50444,40831	10	
23	0	9,47532,71058	6,72499	9,97969,73365	65921	9,49562,97693	7,38420	10,50437,02307	0	37
	10	9,47539,43557	6,72387	9,97969,07444	65933	9,49570,36113	7,38320	10,50429,63887	50	
	20	9,47546,15944	6,72273	9,97968,41511	65944	9,49577,74433	7,38217	10,50422,25567	40	
	30	9,47552,88217	6,72156	9,97967,75567	65954	9,49585,12650	7,38110	10,50414,87350	30	
	40	9,47559,60373	6,72044	9,97967,09613	65967	9,49592,50760	7,38011	10,50407,49240	20	
	50	9,47566,32417	6,71929	9,97966,43646	65977	9,49599,88771	7,37906	10,50400,11229	10	
24	0	9,47573,04346	6,71814	9,97965,77669	65988	9,49607,26677	7,37802	10,50392,73323	0	36
	10	9,47579,76160	6,71700	9,97965,11681	66000	9,49614,64479	7,37700	10,50385,35521	50	
	20	9,47586,47860	6,71588	9,97964,45681	66011	9,49622,02179	7,37599	10,50377,97821	40	
	30	9,47593,19448	6,71473	9,97963,79670	66022	9,49629,39778	7,37495	10,50370,60222	30	
	40	9,47599,90921	6,71358	9,97963,13648	66033	9,49636,77273	7,37391	10,50363,22727	20	
	50	9,47606,62279	6,71245	9,97962,47615	66045	9,49644,14664	7,37290	10,50355,85336	10	
25	0	9,47613,33524	6,71131	9,97961,81570	66056	9,49651,51954	7,37187	10,50348,48046	0	35
	10	9,47620,04655	6,71017	9,97961,15514	66067	9,49658,89141	7,37084	10,50341,10859	50	
	20	9,47626,75672	6,70902	9,97960,49447	66078	9,49666,26225	7,36980	10,50333,73775	40	
	30	9,47633,46574	6,70790	9,97959,83369	66089	9,49673,63205	7,36879	10,50326,36795	30	
	40	9,47640,17364	6,70675	9,97959,17280	66101	9,49681,00084	7,36776	10,50318,99916	20	
	50	9,47646,88039	6,70561	9,97958,51179	66112	9,49688,36860	7,36673	10,50311,63140	10	
26	0	9,47653,58600	6,70448	9,97957,85067	66123	9,49695,73533	7,36571	10,50304,26467	0	34
	10	9,47660,29048	6,70334	9,97957,18944	66134	9,49703,10104	7,36468	10,50296,89896	50	
	20	9,47666,99382	6,70220	9,97956,52810	66146	9,49710,46572	7,36366	10,50289,53428	40	
	30	9,47673,69602	6,70108	9,97955,86664	66157	9,49717,82938	7,36265	10,50282,17062	30	
	40	9,47680,39710	6,69993	9,97955,20507	66168	9,49725,19203	7,36161	10,50274,80797	20	
	50	9,47687,09703	6,69880	9,97954,54339	66179	9,49732,55364	7,36059	10,50267,44636	10	
27	0	9,47693,79583	6,69766	9,97953,88160	66190	9,49739,91423	7,35956	10,50260,08577	0	33
	10	9,47700,49349	6,69653	9,97953,21970	66202	9,49747,27379	7,35855	10,50252,72621	50	
	20	9,47707,19002	6,69539	9,97952,55768	66213	9,49754,63234	7,35752	10,50245,36766	40	
	30	9,47713,88541	6,69426	9,97951,89555	66224	9,49761,98986	7,35650	10.50238,01014	30	
	40	9,47720,57967	6,69312	9,97951,23331	66235	9,49769,34636	7,35547	10,50230,65364	20	
	50	9,47727,27279	6,69199	9,97950,57096	66247	9,49776,70183	7,35446	10,50223,29817	10	
28	0	9,47733,96478	6,69087	9,97949,90849	66258	9,49784,05629	7,35345	10,50215,94371	0	32
	10	9,47740,65565	6,68972	9,97949,24591	66269	9,49791,40974	7,35241	10,50208,59026	50	
	20	9,47747,34537	6,68860	9,97948,58322	66280	9,49798,76215	7,35140	10,50201,23785	40	
	30	9,47754,03397	6,68746	9,97947,92042	66291	9,49806,11355	7,35037	10,50193,88645	30	
	40	9,47760,72143	6,68633	9,97947,25751	66303	9,49813,46392	7,34936	10,50186,53608	20	
	50	9,47767,40776	6,68520	9,97946,59448	66314	9,49820,81328	7,34834	10,50179,18672	10	
29	0	9,47774,09296	6,68406	9,97945,93134	66325	9,49828,16162	7,34731	10,50171,83838	0	31
	10	9,47780,77702	6,68294	9,97945,26809	66336	9,49835,50893	7,34630	10,50164,49107	50	
	20	9,47787,45996	6,68180	9,97944,60473	66347	9,49842,85523	7,34527	10,50157,14477	40	
	30	9,47794,14176	6,68067	9,97943,94126	66358	9,49850,20050	7,34425	10.50149,79950	30	
	40	9,47800,82243	6,67955	9,97943,27768	66371	9,49857,54475	7,34326	10,50142,45525	20	
	50	9,47807,50198	6,67842	9,97942,61397	66381	9,49864,88801	7,34223	10,50135,11199	10	
30	0	9,47814,18040	6,67728	9,97941,95016	66392	9,49872,23024	7,34120	10,50127,76976	0	30
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commune.	TANG. COMPL. Logarithmi.	S	M
30	0	9,47814,18040	6,67728	9,97941,95016	66392	9,49872,23024	7,34120	10,50127,76976	0	30
	10	9,47820,85768	6,67617	9,97941,28624	66404	9,49879,57144	7,34021	10,50120,42856	50	
	20	9,47827,53385	6,67503	9,97940,62220	66415	9,49886,91165	7,33918	10,50113,08835	40	
	30	9,47834,20888	6,67391	9,97939,95805	66426	9,49894,25083	7,33817	10,50105,74917	30	
	40	9,47840,88279	6,67277	9,97939,29379	66437	9,49901,58900	7,33714	10,50098,41100	20	
	50	9,47847,55556	6,67166	9,97938,62942	66449	9,49908,92614	7,33615	10,50091,07386	10	
31	0	9,47854,22722	6,67053	9,97937,96493	66460	9,49916,26229	7,33513	10,50083,73771	0	29
	10	9,47860,89775	6,66940	9,97937,30033	66471	9,49923,59742	7,33411	10,50076,40258	50	
	20	9,47867,56715	6,66826	9,97936,63562	66482	9,49930,93153	7,33308	10,50069,06847	40	
	30	9,47874,23541	6,66713	9,97935,97080	66493	9,49938,26461	7,33206	10,50061,73539	30	
	40	9,47880,90254	6,66603	9,97935,30587	66505	9,49945,59667	7,33108	10,50054,40333	20	
	50	9,47887,56857	6,66490	9,97934,64082	66516	9,49952,92775	7,33006	10,50047,07225	10	
32	0	9,47894,23347	6,66376	9,97933,97566	66527	9,49960,25781	7,32903	10,50039,74219	0	28
	10	9,47900,89723	6,66265	9,97933,31039	66538	9,49967,58684	7,32803	10,50032,41316	50	
	20	9,47907,55988	6,66152	9,97932,64501	66550	9,49974,91487	7,32702	10,50025,08513	40	
	30	9,47914,22140	6,66039	9,97931,97951	66561	9,49982,24189	7,32600	10,50017,75811	30	
	40	9,47920,88179	6,65928	9,97931,31390	66572	9,49989,56789	7,32500	10,50010,43211	20	
	50	9,47927,54107	6,65816	9,97930,64818	66583	9,49996,89289	7,32399	10,50003,10711	10	
33	0	9,47934,19923	6,65703	9,97929,98235	66594	9,50004,21688	7,32297	10,49995,78312	0	27
	10	9,47940,85626	6,65589	9,97929,31641	66606	9,50011,53985	7,32195	10,49988,46015	50	
	20	9,47947,51215	6,65479	9,97928,65035	66617	9,50018,86180	7,32096	10,49981,13820	40	
	30	9,47954,16694	6,65368	9,97927,98418	66628	9,50026,18276	7,31996	10,49973,81724	30	
	40	9,47960,82062	6,65253	9,97927,31790	66639	9,50033,50272	7,31892	10,49966,49728	20	
	50	9,47967,47315	6,65141	9,97926,65151	66651	9,50040,82164	7,31792	10,49959,17836	10	
34	0	9,47974,12456	6,65028	9,97925,98500	66662	9,50048,13956	7,31690	10,49951,86044	0	26
	10	9,47980,77484	6,64919	9,97925,31838	66673	9,50055,45646	7,31592	10,49944,54354	50	
	20	9,47987,42403	6,64806	9,97924,65165	66684	9,50062,77238	7,31490	10,49937,22762	40	
	30	9,47994,07209	6,64694	9,97923,98481	66695	9,50070,08728	7,31389	10,49929,91272	30	
	40	9,48000,71903	6,64582	9,97923,31786	66707	9,50077,40117	7,31289	10,49922,59883	20	
	50	9,48007,36485	6,64470	9,97922,65079	66718	9,50084,71406	7,31188	10,49915,28594	10	
35	0	9,48014,00955	6,64357	9,97921,98361	66729	9,50092,02594	7,31086	10,49907,97406	0	25
	10	9,48020,65312	6,64248	9,97921,31632	66741	9,50099,33680	7,30989	10,49900,66320	50	
	20	9,48027,29560	6,64136	9,97920,64891	66752	9,50106,64669	7,30888	10,49893,35331	40	
	30	9,48033,93696	6,64023	9,97919,98139	66762	9,50113,95557	7,30785	10,49886,04443	30	
	40	9,48040,57719	6,63911	9,97919,31377	66775	9,50121,26342	7,30686	10,49878,73658	20	
	50	9,48047,21630	6,63799	9,97918,64602	66785	9,50128,57028	7,30584	10,49871,42972	10	
36	0	9,48053,85429	6,63688	9,97917,97817	66797	9,50135,87612	7,30485	10,49864,12388	0	24
	10	9,48060,49117	6,63576	9,97917,31020	66808	9,50143,18097	7,30384	10,49856,81903	50	
	20	9,48067,12693	6,63466	9,97916,64212	66819	9,50150,48481	7,30285	10,49849,51519	40	
	30	9,48073,76159	6,63354	9,97915,97393	66830	9,50157,78766	7,30184	10,49842,21234	30	
	40	9,48080,39513	6,63240	9,97915,30563	66841	9,50165,08950	7,30081	10,49834,91050	20	
	50	9,48087,02753	6,63130	9,97914,63722	66853	9,50172,39031	7,29983	10,49827,60969	10	
37	0	9,48093,65883	6,63019	9,97913,96869	66865	9,50179,69014	7,29884	10,49820,30986	0	23
	10	9,48100,28902	6,62908	9,97913,30004	66875	9,50186,98898	7,29783	10,49813,01102	50	
	20	9,48106,91810	6,62795	9,97912,63129	66886	9,50194,28681	7,29681	10,49805,71319	40	
	30	9,48113,54605	6,62684	9,97911,96243	66898	9,50201,58362	7,29582	10,49798,41638	30	
	40	9,48120,17289	6,62574	9,97911,29345	66909	9,50208,87944	7,29483	10,49791,12056	20	
	50	9,48126,79863	6,62462	9,97910,62436	66920	9,50216,17427	7,29382	10,49783,82573	10	
38	0	9,48133,42325	6,62351	9,97909,95516	66931	9,50223,46809	7,29282	10,49776,53191	0	22
	10	9,48140,04676	6,62239	9,97909,28585	66943	9,50230,76091	7,29182	10,49769,23909	50	
	20	9,48146,66915	6,62129	9,97908,61642	66954	9,50238,05273	7,29083	10,49761,94727	40	
	30	9,48153,29044	6,62018	9,97907,94688	66965	9,50245,34356	7,28983	10,49754,65644	30	
	40	9,48159,91062	6,61905	9,97907,27723	66976	9,50252,63339	7,28881	10,49747,36661	20	
	50	9,48166,52967	6,61795	9,97906,60747	66988	9,50259,92220	7,28783	10,49740,07780	10	
39	0	9,48173,14762	6,61683	9,97905,93759	66999	9,50267,21003	7,28682	10,49732,78997	0	21
	10	9,48179,76445	6,61574	9,97905,26760	67010	9,50274,49685	7,28584	10,49725,50315	50	
	20	9,48186,38019	6,61462	9,97904,59750	67021	9,50281,78269	7,28483	10,49718,21731	40	
	30	9,48192,99481	6,61352	9,97903,92729	67033	9,50289,06752	7,28385	10,49710,93248	30	
	40	9,48199,60833	6,61240	9,97903,25696	67044	9,50296,35137	7,28284	10,49703,64863	20	
	50	9,48206,22073	6,61129	9,97902,58652	67055	9,50303,63421	7,28184	10,49696,36579	10	
40	0	9,48212,83202	6,61018	9,97901,91597	67066	9,50310,91605	7,28084	10,49689,08395	0	20
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPL. Logarithmi.	S	M
40	0	9,48212,83202	6,61018	9,97901,91597	67066	9,50310,91605	7,28084	10,49689,08395	0	20
	10	9,48219,44220	6,60907	9,97901,24531	67078	9,50318,19689	7,27985	10,49681,80311	50	
	20	9,48226,05127	6,60798	9,97900,57453	67089	9,50325,47674	7,27887	10,49674,52326	40	
	30	9,48232,65925	6,60686	9,97899,90364	67100	9,50332,75561	7,27786	10,49667,24439	30	
	40	9,48239,26611	6,60575	9,97899,23264	67111	9,50340,03347	7,27686	10,49659,96653	20	
	50	9,48245,87186	6,60456	9,97898,56153	67123	9,50347,31033	7,27589	10,49652,68967	10	
41	0	9,48252,47652	6,60355	9,97897,89030	67134	9,50354,58622	7,27489	10,49645,41378	0	19
	10	9,48259,08007	6,60242	9,97897,21896	67145	9,50361,86111	7,27387	10,49638,13889	50	
	20	9,48265,68249	6,60133	9,97896,54751	67156	9,50369,13498	7,27289	10,49630,86502	40	
	30	9,48272,28382	6,60024	9,97895,87595	67168	9,50376,40787	7,27192	10,49623,59213	30	
	40	9,48278,88406	6,59911	9,97895,20427	67179	9,50383,67979	7,27090	10,49616,32021	20	
	50	9,48285,48317	6,59802	9,97894,53248	67190	9,50390,95069	7,26992	10,49609,04931	10	
42	0	9,48292,08119	6,59691	9,97893,86058	67201	9,50398,22061	7,26892	10,49601,77939	0	18
	10	9,48298,67810	6,59582	9,97893,18857	67213	9,50405,48953	7,26795	10,49594,51047	50	
	20	9,48305,27392	6,59469	9,97892,51644	67224	9,50412,75748	7,26693	10,49587,24252	40	
	30	9,48311,86861	6,59360	9,97891,84420	67235	9,50420,02441	7,26595	10,49579,97559	30	
	40	9,48318,46221	6,59250	9,97891,17185	67246	9,50427,29036	7,26496	10,49572,70964	20	
	50	9,48325,05471	6,59140	9,97890,49939	67258	9,50434,55532	7,26398	10,49565,44468	10	
43	0	9,48331,64611	6,59029	9,97889,82681	67269	9,50441,81930	7,26298	10,49558,18070	0	17
	10	9,48338,23640	6,58920	9,97889,15412	67280	9,50449,08228	7,26200	10,49550,91772	50	
	20	9,48344,82560	6,58808	9,97888,48132	67291	9,50456,34428	7,26099	10,49543,65572	40	
	30	9,48351,41368	6,58700	9,97887,80841	67303	9,50463,60527	7,26003	10,49536,39473	30	
	40	9,48358,00068	6,58588	9,97887,13538	67314	9,50470,86530	7,25902	10,49529,13470	20	
	50	9,48364,58656	6,58478	9,97886,46224	67325	9,50478,12432	7,25803	10,49521,87568	10	
44	0	9,48371,17134	6,58368	9,97885,78899	67336	9,50485,38235	7,25704	10,49514,61765	0	16
	10	9,48377,75502	6,58259	9,97885,11563	67348	9,50492,63939	7,25607	10,49507,36061	50	
	20	9,48384,33761	6,58148	9,97884,44215	67359	9,50499,89546	7,25507	10,49500,10454	40	
	30	9,48390,91909	6,58038	9,97883,76856	67370	9,50507,15053	7,25408	10,49492,84947	30	
	40	9,48397,49947	6,57929	9,97883,09486	67381	9,50514,40461	7,25310	10,49485,59539	20	
	50	9,48404,07876	6,57819	9,97882,42105	67392	9,50521,65771	7,25211	10,49478,34229	10	
45	0	9,48410,65695	6,57710	9,97881,74713	67404	9,50528,90982	7,25114	10,49471,09018	0	15
	10	9,48417,23405	6,57599	9,97881,07309	67415	9,50536,16096	7,25014	10,49463,83904	50	
	20	9,48423,81004	6,57489	9,97880,39894	67426	9,50543,41110	7,24915	10,49456,58890	40	
	30	9,48430,38493	6,57379	9,97879,72468	67437	9,50550,66025	7,24816	10,49449,33975	30	
	40	9,48436,95872	6,57270	9,97879,05031	67449	9,50557,90841	7,24719	10,49442,09159	20	
	50	9,48443,53142	6,57161	9,97878,37582	67460	9,50565,15560	7,24621	10,49434,84440	10	
46	0	9,48450,10303	6,57050	9,97877,70122	67471	9,50572,40181	7,24521	10,49427,59819	0	14
	10	9,48456,67353	6,56941	9,97877,02651	67483	9,50579,64702	7,24424	10,49420,35298	50	
	20	9,48463,24294	6,56833	9,97876,35168	67494	9,50586,89126	7,24327	10,49413,10874	40	
	30	9,48469,81127	6,56723	9,97875,67674	67505	9,50594,13453	7,24228	10,49405,86547	30	
	40	9,48476,37850	6,56611	9,97875,00169	67516	9,50601,37681	7,24127	10,49398,62319	20	
	50	9,48482,94461	6,56503	9,97874,32653	67528	9,50608,61808	7,24031	10,49391,38192	10	
47	0	9,48489,50964	6,56395	9,97873,65125	67540	9,50615,85839	7,23935	10,49384,14161	0	13
	10	9,48496,07359	6,56284	9,97872,97585	67550	9,50623,09774	7,23834	10,49376,90226	50	
	20	9,48502,63643	6,56174	9,97872,30035	67561	9,50630,33608	7,23735	10,49369,66392	40	
	30	9,48509,19817	6,56065	9,97871,62474	67573	9,50637,57343	7,23638	10,49362,42657	30	
	40	9,48515,75882	6,55956	9,97870,94901	67584	9,50644,80981	7,23540	10,49355,19019	20	
	50	9,48522,31838	6,55848	9,97870,27317	67595	9,50652,04521	7,23443	10,49347,95479	10	
48	0	9,48528,87686	6,55738	9,97869,59722	67606	9,50659,27964	7,23344	10,49340,72036	0	12
	10	9,48535,43424	6,55628	9,97868,92116	67618	9,50666,51308	7,23246	10,49333,48692	50	
	20	9,48541,99052	6,55519	9,97868,24498	67629	9,50673,74554	7,23148	10,49326,25446	40	
	30	9,48548,54571	6,55410	9,97867,56869	67640	9,50680,97702	7,23050	10,49319,02298	30	
	40	9,48555,09981	6,55302	9,97866,89229	67651	9,50688,20752	7,22953	10,49311,79248	20	
	50	9,48561,65283	6,55191	9,97866,21578	67663	9,50695,43705	7,22854	10,49304,56295	10	
49	0	9,48568,20474	6,55083	9,97865,53915	67674	9,50702,66559	7,22757	10,49297,33441	0	11
	10	9,48574,75557	6,54973	9,97864,86241	67685	9,50709,89316	7,22658	10,49290,10684	50	
	20	9,48581,30530	6,54867	9,97864,18556	67697	9,50717,11974	7,22564	10,49282,88026	40	
	30	9,48587,85397	6,54757	9,97863,50859	67708	9,50724,34538	7,22465	10,49275,65462	30	
	40	9,48594,40154	6,54648	9,97862,83151	67719	9,50731,57003	7,22367	10,49268,42997	20	
	50	9,48600,94802	6,54538	9,97862,15432	67730	9,50738,79370	7,22268	10,49261,20630	10	
40	0	9,48607,49340	6,54431	9,97861,47702	67742	9,50746,01638	7,22173	10,49253,98362	0	10
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPLEM Logarithmi.		
50	0	9,48607,49340	6,54431	9,97861,47702	67742	9,50746,01638	7,22173	10,49253,98362	0	10
	10	9,48614,03771	6,54320	9,97860,79960	67753	9,50753,23811	7,22073	10,49246,76189	50	
	20	9,48620,58091	6,54212	9,97860,12207	67764	9,50760,45884	7,21976	10,49239,54116	40	
	30	9,48627,12303	6,54103	9,97859,44443	67775	9,50767,67860	7,21878	10,49232,32140	30	
	40	9,48633,66406	6,53995	9,97858,76668	67787	9,50774,89738	7,21782	10,49225,10262	20	
	50	9,48640,20401	6,53884	9,97858,08881	67798	9,50782,11520	7,21682	10,49217,88480	10	
51	0	9,48646,74285	6,53777	9,97857,41083	67809	9,50789,33202	7,21586	10,49210,66798	0	9
	10	9,48653,28062	6,53608	9,97856,73274	67820	9,50796,54788	7,21488	10,49203,45212	50	
	20	9,48659,81730	6,53561	9,97856,05454	67832	9,50803,76276	7,21393	10,49196,23724	40	
	30	9,48666,35291	6,53452	9,97855,37622	67843	9,50810,97669	7,21295	10,49189,02331	30	
	40	9,48672,88743	6,53343	9,97854,69779	67854	9,50818,18964	7,21197	10,49181,81036	20	
	50	9,48679,42086	6,53234	9,97854,01925	67866	9,50825,40161	7,21100	10,49174,59839	10	
52	0	9,48685,95320	6,53126	9,97853,34059	67877	9,50832,61261	7,21003	10,49167,38739	0	8
	10	9,48692,48446	6,53017	9,97852,66182	67888	9,50839,82264	7,20905	10,49160,17736	50	
	20	9,48699,01463	6,52909	9,97851,98294	67899	9,50847,03169	7,20808	10,49152,96831	40	
	30	9,48705,54372	6,52802	9,97851,30395	67911	9,50854,23977	7,20713	10,49145,76023	30	
	40	9,48712,07174	6,52692	9,97850,62484	67922	9,50861,44690	7,20614	10,49138,55310	20	
	50	9,48718,59866	6,52584	9,97849,94562	67933	9,50868,65304	7,20517	10,49131,34696	10	
53	0	9,48725,12450	6,52475	9,97849,26629	67944	9,50875,85821	7,20419	10,49124,14179	0	7
	10	9,48731,64925	6,52368	9,97848,58685	67955	9,50883,06240	7,20323	10,49116,93760	50	
	20	9,48738,17293	6,52260	9,97847,90730	67967	9,50890,26563	7,20227	10,49109,73437	40	
	30	9,48744,69553	6,52152	9,97847,22763	67978	9,50897,46790	7,20130	10,49102,53210	30	
	40	9,48751,21705	6,52044	9,97846,54785	67990	9,50904,66920	7,20034	10,49095,33080	20	
	50	9,48757,73749	6,51935	9,97845,86795	68001	9,50911,86954	7,19936	10,49088,13046	10	
54	0	9,48764,25684	6,51827	9,97845,18794	68012	9,50919,06890	7,19839	10,49080,93110	0	6
	10	9,48770,77511	6,51720	9,97844,50782	68024	9,50926,26729	7,19744	10,49073,73271	50	
	20	9,48777,29231	6,51611	9,97843,82758	68034	9,50933,46473	7,19645	10,49066,53527	40	
	30	9,48783,80842	6,51503	9,97843,14724	68046	9,50940,66118	7,19549	10,49059,33882	30	
	40	9,48790,32345	6,51395	9,97842,46678	68057	9,50947,85667	7,19452	10,49052,14333	20	
	50	9,48796,83740	6,51289	9,97841,78621	68069	9,50955,05119	7,19358	10,49044,94881	10	
55	0	9,48803,35029	6,51180	9,97841,10552	68080	9,50962,24477	7,19260	10,49037,75523	0	5
	10	9,48809,86209	6,51071	9,97840,42472	68091	9,50969,43737	7,19162	10,49030,56263	50	
	20	9,48816,37280	6,50964	9,97839,74381	68102	9,50976,62899	7,19066	10,49023,37101	40	
	30	9,48822,88244	6,50856	9,97839,06279	68113	9,50983,81965	7,18969	10,49016,18035	30	
	40	9,48829,39100	6,50748	9,97838,38166	68125	9,50991,00934	7,18873	10,49008,99066	20	
	50	9,48835,89848	6,50641	9,97837,70041	68136	9,50998,19807	7,18777	10,49001,80193	10	
56	0	9,48842,40489	6,50532	9,97837,01905	68147	9,51005,38584	7,18679	10,48994,61416	0	4
	10	9,48848,91021	6,50424	9,97836,33758	68158	9,51012,57263	7,18582	10,48987,42737	50	
	20	9,48855,41445	6,50319	9,97835,65600	68170	9,51019,75845	7,18489	10,48980,24155	40	
	30	9,48861,91764	6,50211	9,97834,97430	68181	9,51026,94334	7,18392	10,48973,05666	30	
	40	9,48868,41975	6,50103	9,97834,29249	68193	9,51034,12726	7,18296	10,48965,87274	20	
	50	9,48874,92078	6,49995	9,97833,61056	68204	9,51041,31022	7,18199	10,48958,68978	10	
57	0	9,48881,42073	6,49889	9,97832,92852	68216	9,51048,49221	7,18105	10,48951,50779	0	3
	10	9,48887,91962	6,49779	9,97832,24636	68226	9,51055,67326	7,18005	10,48944,32674	50	
	20	9,48894,41741	6,49674	9,97831,56410	68238	9,51062,85331	7,17912	10,48937,14669	40	
	30	9,48900,91415	6,49565	9,97830,88172	68249	9,51070,03243	7,17814	10,48929,96757	30	
	40	9,48907,40980	6,49457	9,97830,19923	68260	9,51077,21057	7,17717	10,48922,78943	20	
	50	9,48913,90439	6,49352	9,97829,51663	68271	9,51084,38774	7,17623	10,48915,61226	10	
58	0	9,48920,39789	6,49246	9,97828,83392	68283	9,51091,56397	7,17529	10,48908,43603	0	2
	10	9,48926,89035	6,49136	9,97828,15109	68294	9,51098,73926	7,17430	10,48901,26074	50	
	20	9,48933,38171	6,49027	9,97827,46815	68305	9,51105,91356	7,17332	10,48894,08644	40	
	30	9,48939,87198	6,48921	9,97826,78510	68316	9,51113,08688	7,17237	10,48886,91312	30	
	40	9,48946,36119	6,48816	9,97826,10194	68328	9,51120,25925	7,17144	10,48879,74075	20	
	50	9,48952,84935	6,48707	9,97825,41866	68339	9,51127,43069	7,17046	10,48872,56931	10	
59	0	9,48959,33642	6,48599	9,97824,73527	68350	9,51134,60115	7,16949	10,48865,39885	0	1
	10	9,48965,82241	6,48494	9,97824,05177	68362	9,51141,77064	7,16856	10,48858,22936	50	
	20	9,48972,30735	6,48386	9,97823,36815	68373	9,51148,93920	7,16759	10,48851,06080	40	
	30	9,48978,79121	6,48281	9,97822,68442	68384	9,51156,10679	7,16665	10,48843,89321	30	
	40	9,48985,27402	6,48173	9,97822,00058	68396	9,51163,27344	7,16569	10,48836,72656	20	
	50	9,48991,75575	6,48065	9,97821,31662	68407	9,51170,43913	7,16472	10,48829,56087	10	
60	0	9,48998,23640	6,47958	9,97820,63255	68418	9,51177,60385	7,16376	10,48822,39615	0	0
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPLEM Logarithmi.		
0	0	9,48998,23640	6,47958	9,97820,63255	68418	9,51177,60385	7,16376	10,48822,39615	0	60
	10	9,49004,71598	6,47852	9,97819,94837	68429	9,51184,76761	7,16281	10,48815,23239	50	
	20	9,49011,19450	6,47746	9,97819,26408	68441	9,51191,93042	7,16187	10,48808,06958	40	
	30	9,49017,67196	6,47639	9,97818,57967	68452	9,51199,09229	7,16091	10,48800,90771	30	
	40	9,49024,14835	6,47532	9,97817,89515	68463	9,51206,25320	7,15995	10,48793,74680	20	
	50	9,49030,62367	6,47424	9,97817,21052	68475	9,51213,41315	7,15899	10,48786,58685	10	
1	0	9,49037,09791	6,47317	9,97816,52577	68486	9,51220,57214	7,15803	10,48779,42786	0	59
	10	9,49043,57108	6,47212	9,97815,84091	68497	9,51227,73017	7,15709	10,48772,26983	50	
	20	9,49050,04320	6,47105	9,97815,15594	68508	9,51234,88726	7,15613	10,48765,11274	40	
	30	9,49056,51425	6,46999	9,97814,47086	68520	9,51242,04339	7,15519	10,48757,95661	30	
	40	9,49062,98424	6,46890	9,97813,78566	68531	9,51249,19858	7,15421	10,48750,80142	20	
	50	9,49069,45314	6,46785	9,97813,10035	68542	9,51256,35279	7,15327	10,48743,64721	10	
2	0	9,49075,92099	6,46679	9,97812,41493	68554	9,51263,50606	7,15233	10,48736,49394	0	58
	10	9,49082,38778	6,46571	9,97811,72939	68565	9,51270,65839	7,15136	10,48729,34161	50	
	20	9,49088,85349	6,46466	9,97811,04374	68576	9,51277,80975	7,15042	10,48722,19025	40	
	30	9,49095,31815	6,46359	9,97810,35798	68587	9,51284,96017	7,14946	10,48715,03983	30	
	40	9,49101,78174	6,46252	9,97809,67211	68599	9,51292,10963	7,14851	10,48707,89037	20	
	50	9,49108,24426	6,46146	9,97808,98612	68610	9,51299,25814	7,14756	10,48700,74186	10	
3	0	9,49114,70572	6,46039	9,97808,30002	68621	9,51306,40570	7,14660	10,48693,59430	0	57
	10	9,49121,16611	6,45935	9,97807,61381	68633	9,51313,55230	7,14568	10,48686,44770	50	
	20	9,49127,62546	6,45828	9,97806,92748	68644	9,51320,69798	7,14472	10,48679,30202	40	
	30	9,49134,08374	6,45720	9,97806,24104	68655	9,51327,84270	7,14375	10,48672,15730	30	
	40	9,49140,54094	6,45614	9,97805,55449	68666	9,51334,98645	7,14280	10,48665,01355	20	
	50	9,49146,99708	6,45509	9,97804,86783	68678	9,51342,12925	7,14187	10,48657,87075	10	
4	0	9,49153,45217	6,45402	9,97804,18105	68689	9,51349,27112	7,14091	10,48650,72888	0	56
	10	9,49159,90619	6,45297	9,97803,49416	68700	9,51356,41203	7,13997	10,48643,58797	50	
	20	9,49166,35916	6,45192	9,97802,80716	68712	9,51363,55200	7,13904	10,48636,44800	40	
	30	9,49172,81108	6,45085	9,97802,12004	68723	9,51370,69104	7,13808	10,48629,30896	30	
	40	9,49179,26193	6,44978	9,97801,43281	68734	9,51377,82912	7,13712	10,48622,17088	20	
	50	9,49185,71171	6,44873	9,97800,74547	68746	9,51384,96624	7,13619	10,48615,03376	10	
5	0	9,49192,16044	6,44767	9,97800,05801	68757	9,51392,10243	7,13524	10,48607,89757	0	55
	10	9,49198,60811	6,44660	9,97799,37044	68768	9,51399,23767	7,13428	10,48600,76233	50	
	20	9,49205,05471	6,44554	9,97798,68276	68779	9,51406,37195	7,13333	10,48593,62805	40	
	30	9,49211,50025	6,44449	9,97797,99497	68791	9,51413,50528	7,13240	10,48586,49472	30	
	40	9,49217,94474	6,44344	9,97797,30706	68802	9,51420,63768	7,13146	10,48579,36232	20	
	50	9,49224,38818	6,44237	9,97796,61904	68813	9,51427,76914	7,13050	10,48572,23086	10	
6	0	9,49230,83055	6,44131	9,97795,93091	68825	9,51434,89964	7,12956	10,48565,10036	0	54
	10	9,49237,27186	6,44026	9,97795,24266	68836	9,51442,02920	7,12862	10,48557,97080	50	
	20	9,49243,71212	6,43920	9,97794,55430	68847	9,51449,15782	7,12767	10,48550,84218	40	
	30	9,49250,15132	6,43814	9,97793,86583	68858	9,51456,28549	7,12672	10,48543,71451	30	
	40	9,49256,58946	6,43709	9,97793,17725	68870	9,51463,41221	7,12579	10,48536,58779	20	
	50	9,49263,02655	6,43603	9,97792,48855	68881	9,51470,53800	7,12484	10,48529,46200	10	
7	0	9,49269,46258	6,43497	9,97791,79974	68892	9,51477,66284	7,12389	10,48522,33716	0	53
	10	9,49275,89755	6,43393	9,97791,11082	68904	9,51484,78673	7,12297	10,48515,21327	50	
	20	9,49282,33148	6,43286	9,97790,42178	68915	9,51491,90970	7,12201	10,48508,09030	40	
	30	9,49288,76434	6,43181	9,97789,73263	68926	9,51499,03171	7,12107	10,48500,96829	30	
	40	9,49295,19615	6,43076	9,97789,04337	68938	9,51506,15278	7,12014	10,48493,84722	20	
	50	9,49301,62691	6,42970	9,97788,35399	68949	9,51513,27292	7,11919	10,48486,72708	10	
8	0	9,49308,05661	6,42865	9,97787,66450	68960	9,51520,39211	7,11825	10,48479,60789	0	52
	10	9,49314,48526	6,42760	9,97786,97490	68972	9,51527,51036	7,11732	10,48472,48964	50	
	20	9,49320,91286	6,42654	9,97786,28518	68983	9,51534,62768	7,11637	10,48465,37232	40	
	30	9,49327,33940	6,42549	9,97785,59535	68994	9,51541,74405	7,11543	10,48458,25595	30	
	40	9,49333,76489	6,42443	9,97784,90541	69005	9,51548,85948	7,11448	10,48451,14052	20	
	50	9,49340,18932	6,42338	9,97784,21536	69017	9,51555,97396	7,11355	10,48444,02604	10	
9	0	9,49346,61270	6,42234	9,97783,52519	69028	9,51563,08751	7,11262	10,48436,91249	0	51
	10	9,49353,03504	6,42127	9,97782,83491	69039	9,51570,20013	7,11166	10,48429,79987	50	
	20	9,49359,45631	6,42024	9,97782,14452	69051	9,51577,31179	7,11075	10,48422,68821	40	
	30	9,49365,87655	6,41917	9,97781,45401	69062	9,51584,42254	7,10979	10,48415,57746	30	
	40	9,49372,29572	6,41813	9,97780,76339	69073	9,51591,53233	7,10886	10,48408,46767	20	
	50	9,49378,71385	6,41708	9,97780,07266	69085	9,51598,64119	7,10793	10,48401,35881	10	
10	0	9,49385,13093	6,41602	9,97779,38181	69096	9,51605,74912	7,10698	10,48394,25088	0	50
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPLEM Logarithmi.		
10	0	9,49385,13093	6,41602	9,97779,38181	69096	9,51605,74912	7,10698	10,48394,25088	0	50
	10	9,49391,54695	6,41498	9,97778,69085	69107	9,51612,85610	7,10605	10,48387,14390	50	
	20	9,49397,96193	6,41393	9,97777,99978	69119	9,51619,96215	7,10512	10,48380,03785	40	
	30	9,49404,37586	6,41288	9,97777,30859	69130	9,51627,06727	7,10418	10,48372,93273	30	
	40	9,49410,78874	6,41183	9,97776,61729	69141	9,51634,17145	7,10324	10,48365,82855	20	
	50	9,49417,20057	6,41078	9,97775,92588	69152	9,51641,27469	7,10230	10,48358,72531	10	
11	0	9,49423,61135	6,40973	9,97775,23436	69164	9,51648,37699	7,10137	10,48351,62301	0	49
	10	9,49430,02108	6,40869	9,97774,54272	69175	9,51655,47836	7,10044	10,48344,52164	50	
	20	9,49436,42977	6,40763	9,97773,85097	69186	9,51662,57880	7,09949	10,48337,42120	40	
	30	9,49442,83740	6,40659	9,97773,15911	69198	9,51669,67829	7,09857	10,48330,32171	30	
	40	9,49449,24399	6,40552	9,97772,46713	69209	9,51676,77686	7,09763	10,48323,22314	20	
	50	9,49455,64953	6,40450	9,97771,77504	69220	9,51683,87449	7,09670	10,48316,12551	10	
12	0	9,49462,05403	6,40344	9,97771,08284	69231	9,51690,97119	7,09575	10,48309,02881	0	48
	10	9,49468,45747	6,40241	9,97770,39053	69243	9,51698,06694	7,09484	10,48301,93306	50	
	20	9,49474,85988	6,40135	9,97769,69810	69254	9,51705,16178	7,09389	10,48294,83822	40	
	30	9,49481,26123	6,40032	9,97769,00556	69266	9,51712,25567	7,09298	10,48287,74433	30	
	40	9,49487,66155	6,39927	9,97768,31290	69277	9,51719,34865	7,09204	10,48280,65135	20	
	50	9,49494,06082	6,39822	9,97767,62013	69288	9,51726,44069	7,09110	10,48273,55931	10	
13	0	9,49500,45904	6,39718	9,97766,92725	69300	9,51733,53179	7,09018	10,48266,46821	0	47
	10	9,49506,85622	6,39614	9,97766,23425	69311	9,51740,62197	7,08925	10,48259,37803	50	
	20	9,49513,25236	6,39508	9,97765,54114	69322	9,51747,71122	7,08830	10,48252,28878	40	
	30	9,49519,64744	6,39404	9,97764,84792	69333	9,51754,79952	7,08737	10,48245,20048	30	
	40	9,49526,04148	6,39301	9,97764,15459	69345	9,51761,88689	7,08646	10,48238,11311	20	
	50	9,49532,43449	6,39196	9,97763,46114	69356	9,51768,97335	7,08552	10,48231,02665	10	
14	0	9,49538,82645	6,39091	9,97762,76758	69367	9,51776,05887	7,08458	10,48223,94113	0	46
	10	9,49545,21736	6,38988	9,97762,07391	69379	9,51783,14345	7,08367	10,48216,85655	50	
	20	9,49551,60724	6,38883	9,97761,38012	69390	9,51790,22712	7,08273	10,48209,77288	40	
	30	9,49557,99607	6,38779	9,97760,68622	69401	9,51797,30985	7,08180	10,48202,69015	30	
	40	9,49564,38386	6,38675	9,97759,99221	69413	9,51804,39165	7,08088	10,48195,60835	20	
	50	9,49570,77061	6,38571	9,97759,29808	69424	9,51811,47253	7,07995	10,48188,52747	10	
15	0	9,49577,15632	6,38467	9,97758,60384	69435	9,51818,55248	7,07902	10,48181,44752	0	45
	10	9,49583,54099	6,38362	9,97757,90949	69446	9,51825,63150	7,07808	10,48174,36850	50	
	20	9,49589,92461	6,38258	9,97757,21503	69458	9,51832,70958	7,07716	10,48167,29042	40	
	30	9,49596,30719	6,38155	9,97756,52045	69469	9,51839,78674	7,07624	10,48160,21326	30	
	40	9,49602,68874	6,38051	9,97755,82576	69481	9,51846,86298	7,07532	10,48153,13702	20	
	50	9,49609,06925	6,37947	9,97755,13095	69492	9,51853,93830	7,07439	10,48146,06170	10	
16	0	9,49615,44872	6,37843	9,97754,43603	69503	9,51861,01269	7,07346	10,48138,98731	0	44
	10	9,49621,82715	6,37739	9,97753,74100	69515	9,51868,08615	7,07254	10,48131,91385	50	
	20	9,49628,20454	6,37635	9,97753,04585	69526	9,51875,15869	7,07161	10,48124,84131	40	
	30	9,49634,58089	6,37532	9,97752,35059	69537	9,51882,23030	7,07069	10,48117,76970	30	
	40	9,49640,95621	6,37426	9,97751,65522	69548	9,51889,30099	7,06974	10,48110,69901	20	
	50	9,49647,33047	6,37325	9,97750,95974	69560	9,51896,37073	7,06885	10,48103,62927	10	
17	0	9,49653,70372	6,37219	9,97750,26414	69571	9,51903,43958	7,06790	10,48096,56042	0	43
	10	9,49660,07591	6,37117	9,97749,56843	69583	9,51910,50748	7,06700	10,48089,49252	50	
	20	9,49666,44708	6,37013	9,97748,87260	69594	9,51917,57448	7,06607	10,48082,42552	40	
	30	9,49672,81721	6,36909	9,97748,17666	69605	9,51924,64055	7,06514	10,48075,35945	30	
	40	9,49679,18630	6,36806	9,97747,48061	69616	9,51931,70569	7,06422	10,48068,29431	20	
	50	9,49685,55436	6,36702	9,97746,78445	69628	9,51938,76991	7,06330	10,48061,23009	10	
18	0	9,49691,92138	6,36598	9,97746,08817	69639	9,51945,83321	7,06237	10,48054,16679	0	42
	10	9,49698,28736	6,36494	9,97745,39178	69650	9,51952,89558	7,06144	10,48047,10442	50	
	20	9,49704,65230	6,36392	9,97744,69528	69662	9,51959,95702	7,06054	10,48040,04298	40	
	30	9,49711,01622	6,36288	9,97743,99866	69673	9,51967,01756	7,05961	10,48032,98244	30	
	40	9,49717,37910	6,36184	9,97743,30193	69684	9,51974,07717	7,05868	10,48025,92283	20	
	50	9,49723,74094	6,36082	9,97742,60509	69696	9,51981,13585	7,05778	10,48018,86415	10	
19	0	9,49730,10176	6,35978	9,97741,90813	69707	9,51988,19363	7,05685	10,48011,80637	0	41
	10	9,49736,46154	6,35874	9,97741,21106	69718	9,51995,25048	7,05592	10,48004,74952	50	
	20	9,49742,82028	6,35771	9,97740,51388	69730	9,52002,30640	7,05501	10,47997,69360	40	
	30	9,49749,17799	6,35668	9,97739,81658	69741	9,52009,36141	7,05409	10,47990,63859	30	
	40	9,49755,53467	6,35565	9,97739,11917	69752	9,52016,41550	7,05317	10,47983,58450	20	
	50	9,49761,89032	6,35461	9,97738,42165	69764	9,52023,46867	7,05225	10,47976,53133	19	
20	0	9,49768,24493	6,35359	9,97737,72401	69775	9,52030,52092	7,05134	10,47969,47908	0	40
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. complem. Logarithmi.	S	M
20	0	9,49768,24493	6,35359	9,97737,72401	69775	9,52030,52092	7,05134	10,47969,47908	0	40
	10	9,49774,59852	6,35256	9,97737,02626	69787	9,52037,57226	7,05043	10,47962,42774	50	
	20	9,49780,95108	6,35152	9,97736,32839	69798	9,52044,62269	7,04950	10,47955,37731	40	
	30	9,49787,30260	6,35049	9,97735,63041	69809	9,52051,67219	7,04858	10,47948,32781	30	
	40	9,49793,65309	6,34946	9,97734,93232	69820	9,52058,72077	7,04766	10,47941,27923	20	
	50	9,49800,00255	6,34842	9,97734,23412	69831	9,52065,76843	7,04673	10,47934,23157	10	
21	0	9,49806,35097	6,34740	9,97733,53581	69843	9,52072,81516	7,04583	10,47927,18484	0	39
	10	9,49812,69837	6,34637	9,97732,83738	69854	9,52079,86099	7,04491	10,47920,13901	50	
	20	9,49819,04474	6,34533	9,97732,13884	69865	9,52086,90590	7,04398	10,47913,09410	40	
	30	9,49825,39007	6,34431	9,97731,44019	69877	9,52093,94988	7,04308	10,47906,05012	30	
	40	9,49831,73438	6,34328	9,97730,74142	69888	9,52100,99296	7,04216	10,47899,00704	20	
	50	9,49838,07766	6,34226	9,97730,04254	69900	9,52108,03512	7,04126	10,47891,96488	10	
22	0	9,49844,41992	6,34123	9,97729,34354	69911	9,52115,07638	7,04034	10,47884,92362	0	38
	10	9,49850,76115	6,34019	9,97728,64443	69922	9,52122,11672	7,03941	10,47877,88328	50	
	20	9,49857,10134	6,33917	9,97727,94521	69934	9,52129,15613	7,03851	10,47870,84387	40	
	30	9,49863,44051	6,33815	9,97727,24587	69945	9,52136,19464	7,03760	10,47863,80536	30	
	40	9,49869,77866	6,33711	9,97726,54642	69956	9,52143,23224	7,03667	10,47856,76776	20	
	50	9,49876,11577	6,33609	9,97725,84686	69968	9,52150,26891	7,03577	10,47849,73109	10	
23	0	9,49882,45186	6,33507	9,97725,14718	69979	9,52157,30468	7,03486	10,47842,69532	0	37
	10	9,49888,78693	6,33403	9,97724,44739	69990	9,52164,33954	7,03393	10,47835,66046	50	
	20	9,49895,12096	6,33302	9,97723,74749	70002	9,52171,37347	7,03304	10,47828,62653	40	
	30	9,49901,45398	6,33198	9,97723,04747	70013	9,52178,40651	7,03211	10,47821,59349	30	
	40	9,49907,78596	6,33096	9,97722,34734	70024	9,52185,43862	7,03120	10,47814,56138	20	
	50	9,49914,11692	6,32994	9,97721,64710	70036	9,52192,46982	7,03030	10,47807,53018	10	
24	0	9,49920,44686	6,32892	9,97720,96674	70047	9,52199,50012	7,02939	10,47800,49988	0	36
	10	9,49926,77578	6,32788	9,97720,24627	70058	9,52206,52951	7,02846	10,47793,47049	50	
	20	9,49933,10366	6,32687	9,97719,54569	70070	9,52213,55797	7,02757	10,47786,44203	40	
	30	9,49939,43053	6,32584	9,97718,84499	70081	9,52220,58554	7,02665	10,47779,41446	30	
	40	9,49945,75637	6,32481	9,97718,14418	70092	9,52227,61219	7,02573	10,47772,38781	20	
	50	9,49952,08118	6,32380	9,97717,44326	70104	9,52234,63792	7,02484	10,47765,36208	10	
25	0	9,49958,40498	6,32277	9,97716,74222	70115	9,52241,66276	7,02392	10,47758,33724	0	35
	10	9,49964,72775	6,32174	9,97716,04107	70126	9,52248,68668	7,02300	10,47751,31332	50	
	20	9,49971,04949	6,32073	9,97715,33981	70138	9,52255,70968	7,02211	10,47744,29032	40	
	30	9,49977,37022	6,31971	9,97714,63843	70149	9,52262,73179	7,02120	10,47737,26821	30	
	40	9,49983,68993	6,31868	9,97713,93694	70160	9,52269,75299	7,02028	10,47730,24701	20	
	50	9,49990,00861	6,31766	9,97713,23534	70172	9,52276,77327	7,01938	10,47723,22673	10	
26	0	9,49996,32627	6,31665	9,97712,53362	70184	9,52283,79265	7,01849	10,47716,20735	0	34
	10	9,50002,64292	6,31564	9,97711,83178	70194	9,52290,81114	7,01758	10,47709,18886	50	
	20	9,50008,95856	6,31458	9,97711,12984	70206	9,52297,82872	7,01664	10,47702,17128	40	
	30	9,50015,27314	6,31357	9,97710,42778	70217	9,52304,84536	7,01574	10,47695,15464	30	
	40	9,50021,58671	6,31256	9,97709,72561	70228	9,52311,86110	7,01484	10,47688,13890	20	
	50	9,50027,89927	6,31155	9,97709,02333	70240	9,52318,87594	7,01395	10,47681,12406	10	
27	0	9,50034,21082	6,31051	9,97708,32093	70251	9,52325,88989	7,01302	10,47674,11011	0	33
	10	9,50040,52133	6,30950	9,97707,61842	70262	9,52332,90291	7,01212	10,47667,09709	50	
	20	9,50046,83083	6,30849	9,97706,91580	70274	9,52339,91503	7,01123	10,47660,08497	40	
	30	9,50053,13932	6,30746	9,97706,21306	70285	9,52346,92626	7,01031	10,47653,07374	30	
	40	9,50059,44678	6,30644	9,97705,51021	70296	9,52353,93657	7,00940	10,47646,06343	20	
	50	9,50065,75322	6,30543	9,97704,80725	70308	9,52360,94597	7,00851	10,47639,05403	10	
28	0	9,50072,05865	6,30442	9,97704,10417	70319	9,52367,95448	7,00761	10,47632,04552	0	32
	10	9,50078,36307	6,30340	9,97703,40098	70331	9,52374,96209	7,00671	10,47625,03791	50	
	20	9,50084,66647	6,30237	9,97702,69767	70342	9,52381,96880	7,00579	10,47618,03120	40	
	30	9,50090,96884	6,30136	9,97701,99425	70353	9,52388,97459	7,00489	10,47611,02541	30	
	40	9,50097,27020	6,30034	9,97701,29072	70364	9,52395,97948	7,00398	10,47604,02052	20	
	50	9,50103,57054	6,29933	9,97700,58708	70376	9,52402,98346	7,00309	10,47597,01654	10	
29	0	9,50109,86987	6,29832	9,97699,88332	70387	9,52409,98655	7,00219	10,47590,01345	0	31
	10	9,50116,16819	6,29730	9,97699,17945	70399	9,52416,98874	7,00129	10,47583,01126	50	
	20	9,50122,46549	6,29628	9,97698,47546	70410	9,52423,99003	7,00038	10,47576,00997	40	
	30	9,50128,76177	6,29527	9,97697,77136	70421	9,52430,99041	6,99948	10,47569,00959	30	
	40	9,50135,05704	6,29426	9,97697,06715	70433	9,52437,98989	6,99859	10,47562,01011	20	
	50	9,50141,35130	6,29324	9,97696,36282	70444	9,52444,98848	6,99768	10,47555,01152	10	
30	0	9,50147,64454	6,29222	9,97695,65838	70455	9,52451,98616	6,99677	10,47548,01384	0	30
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPLEM. Logarithmi.		
30	0	9,50147,64454	6,29222	9,97695,65838	70455	9,52451,98616	6,99677	10,47548,01384	0	30
	10	9,50153,93676	6,29121	9,97694,95383	70467	9,52458,98293	6,99588	10,47541,01707	50	
	20	9,50160,22797	6,29020	9,97694,24916	70478	9,52465,97881	6,99498	10,47534,02119	40	
	30	9,50166,51817	6,28919	9,97693,54438	70489	9,52472,97379	6,99408	10,47527,02621	30	
	40	9,50172,80736	6,28817	9,97692,83949	70501	9,52479,96787	6,99318	10,47520,03213	20	
	50	9,50179,09553	6,28716	9,97692,13448	70512	9,52486,96105	6,99228	10,47513,03895	10	
31	0	9,50185,38269	6,28615	9,97691,42936	70523	9,52493,95333	6,99138	10,47506,04667	0	29
	10	9,50191,66884	6,28514	9,97690,72413	70535	9,52500,94471	6,99049	10,47499,05529	50	
	20	9,50197,95398	6,28412	9,97690,01878	70546	9,52507,93520	6,98958	10,47492,06480	40	
	30	9,50204,23810	6,28312	9,97689,31332	70558	9,52514,92478	6,98870	10,47485,07522	30	
	40	9,50210,52122	6,28210	9,97688,60774	70569	9,52521,91348	6,98779	10,47478,08652	20	
	50	9,50216,80332	6,28109	9,97687,90205	70580	9,52528,90127	6,98689	10,47471,09873	10	
32	0	9,50223,08441	6,28008	9,97687,19625	70591	9,52535,88816	6,98599	10,47464,11184	0	28
	10	9,50229,36449	6,27907	9,97686,49034	70603	9,52542,87415	6,98510	10,47457,12585	50	
	20	9,50235,64356	6,27806	9,97685,78431	70614	9,52549,85925	6,98420	10,47450,14075	40	
	30	9,50241,92162	6,27706	9,97685,07817	70626	9,52556,84345	6,98332	10,47443,15655	30	
	40	9,50248,19868	6,27605	9,97684,37191	70637	9,52563,82677	6,98242	10,47436,17323	20	
	50	9,50254,47473	6,27504	9,97683,66554	70649	9,52570,80919	6,98153	10,47429,19081	10	
33	0	9,50260,74977	6,27403	9,97682,95905	70660	9,52577,79072	6,98063	10,47422,20928	0	27
	10	9,50267,02380	6,27301	9,97682,25245	70671	9,52584,77135	6,97972	10,47415,22865	50	
	20	9,50273,29681	6,27202	9,97681,54574	70683	9,52591,75107	6,97885	10,47408,24893	40	
	30	9,50279,56883	6,27100	9,97680,83891	70694	9,52598,72992	6,97794	10,47401,27008	30	
	40	9,50285,83983	6,27000	9,97680,13197	70705	9,52605,70786	6,97705	10,47394,29214	20	
	50	9,50292,10983	6,26898	9,97679,42492	70716	9,52612,68491	6,97614	10,47387,31509	10	
34	0	9,50298,37881	6,26798	9,97678,71776	70728	9,52619,66105	6,97526	10,47380,33894	0	26
	10	9,50304,64679	6,26697	9,97678,01048	70739	9,52626,63631	6,97436	10,47373,36369	50	
	20	9,50310,91376	6,26598	9,97677,30309	70751	9,52633,61067	6,97349	10,47366,38933	40	
	30	9,50317,17974	6,26496	9,97676,59558	70762	9,52640,58416	6,97258	10,47359,41584	30	
	40	9,50323,44470	6,26395	9,97675,88796	70773	9,52647,55674	6,97168	10,47352,44326	20	
	50	9,50329,70865	6,26296	9,97675,18023	70785	9,52654,52842	6,97081	10,47345,47158	10	
35	0	9,50335,97161	6,26193	9,97674,47238	70796	9,52661,49923	6,96989	10,47338,50078	0	25
	10	9,50342,23354	6,26093	9,97673,76442	70807	9,52668,46912	6,96900	10,47331,53088	50	
	20	9,50348,49447	6,25995	9,97673,05635	70819	9,52675,43812	6,96814	10,47324,56188	40	
	30	9,50354,75442	6,25894	9,97672,34816	70830	9,52682,40626	6,96724	10,47317,59374	30	
	40	9,50361,01336	6,25791	9,97671,63986	70842	9,52689,37350	6,96633	10,47310,62650	20	
	50	9,50367,27127	6,25694	9,97670,93144	70853	9,52696,33983	6,96547	10,47303,66017	10	
36	0	9,50373,52821	6,25593	9,97670,22291	70864	9,52703,30530	6,96457	10,47296,69470	0	24
	10	9,50379,78414	6,25491	9,97669,51427	70875	9,52710,26987	6,96366	10,47289,73013	50	
	20	9,50386,03905	6,25392	9,97668,80552	70887	9,52717,23353	6,96279	10,47282,76647	40	
	30	9,50392,29297	6,25292	9,97668,07665	70898	9,52724,19632	6,96190	10,47275,80368	30	
	40	9,50398,54589	6,25190	9,97667,38767	70910	9,52731,15822	6,96100	10,47268,84178	20	
	50	9,50404,79779	6,25092	9,97666,67857	70921	9,52738,11922	6,96013	10,47261,88078	10	
37	0	9,50411,04871	6,24991	9,97665,96936	70932	9,52745,07935	6,95923	10,47254,92065	0	23
	10	9,50417,29862	6,24891	9,97665,26004	70944	9,52752,03858	6,95835	10,47247,96142	50	
	20	9,50423,54753	6,24789	9,97664,55060	70955	9,52758,99693	6,95744	10,47241,00307	40	
	30	9,50429,79542	6,24690	9,97663,84105	70967	9,52765,95437	6,95657	10,47234,04563	30	
	40	9,50436,04232	6,24592	9,97663,13138	70978	9,52772,91094	6,95570	10,47227,08906	20	
	50	9,50442,28824	6,24490	9,97662,42160	70989	9,52779,86664	6,95479	10,47220,13336	10	
38	0	9,50448,53314	6,24390	9,97661,71171	71001	9,52786,82143	6,95391	10,47213,17857	0	22
	10	9,50454,77704	6,24290	9,97661,00170	71012	9,52793,77534	6,95302	10,47206,22466	50	
	20	9,50461,01994	6,24190	9,97660,29158	71023	9,52800,72836	6,95213	10,47199,27164	40	
	30	9,50467,26184	6,24090	9,97659,58135	71035	9,52807,68049	6,95125	10,47192,31951	30	
	40	9,50473,50274	6,23990	9,97658,87100	71046	9,52814,63174	6,95036	10,47185,36826	20	
	50	9,50479,74264	6,23892	9,97658,16054	71057	9,52821,58210	6,94949	10,47178,41790	10	
39	0	9,50485,98156	6,23791	9,97657,44997	71069	9,52828,53159	6,94860	10,47171,46841	0	21
	10	9,50492,21947	6,23692	9,97656,73928	71080	9,52835,48019	6,94772	10,47164,51981	50	
	20	9,50498,45639	6,23591	9,97656,02848	71092	9,52842,42791	6,94683	10,47157,57209	40	
	30	9,50504,69230	6,23491	9,97655,31756	71103	9,52849,37474	6,94594	10,47150,62526	30	
	40	9,50510,92721	6,23393	9,97654,60653	71114	9,52856,32068	6,94507	10,47143,67932	20	
	50	9,50517,16114	6,23293	9,97653,89539	71126	9,52863,26575	6,94419	10,47136,73425	10	
40	0	9,50523,39407	6,23192	9,97653,18413	71137	9,52870,20994	6,94329	10,47129,79006	0	20
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. complem. Logarithmi.	S	M
40	0	9,50523,39407	6,23192	9,97653,18413	71137	9,52870,20994	6,94329	10,47129,79006	0	20
	10	9,50529,62599	6,23093	9,97652,47276	71148	9,52877,15323	6,94241	10,47122,84677	50	
	20	9,50535,85692	6,22993	9,97651,76128	71160	9,52884,09564	6,94153	10,47115,90436	40	
	30	9,50542,08685	6,22893	9,97651,04968	71171	9,52891,03717	6,94064	10,47108,96283	30	
	40	9,50548,31578	6,22796	9,97650,33797	71183	9,52897,97781	6,93979	10,47102,02219	20	
	50	9,50554,54374	6,22695	9,97649,62614	71194	9,52904,91760	6,93889	10,47095,08240	10	
41	0	9,50560,77069	6,22594	9,97648,91420	71205	9,52911,85649	6,93799	10,47088,14351	0	19
	10	9,50566,99663	6,22496	9,97648,20215	71217	9,52918,79448	6,93713	10,47081,20552	50	
	20	9,50573,22159	6,22398	9,97647,48998	71228	9,52925,73161	6,93626	10,47074,26839	40	
	30	9,50579,44557	6,22298	9,97646,77770	71240	9,52932,66787	6,93538	10,47067,33213	30	
	40	9,50585,66855	6,22197	9,97646,06530	71251	9,52939,60325	6,93448	10,47060,39675	20	
	50	9,50591,89052	6,22098	9,97645,35279	71262	9,52946,53773	6,93360	10,47053,46227	10	
42	0	9,50598,11150	6,22000	9,97644,64017	71274	9,52953,47133	6,93274	10,47046,52867	0	18
	10	9,50604,33150	6,21899	9,97643,92743	71285	9,52960,40407	6,93184	10,47039,59593	50	
	20	9,50610,55049	6,21801	9,97643,21458	71296	9,52967,33591	6,93097	10,47032,66409	40	
	30	9,50616,76850	6,21702	9,97642,50162	71308	9,52974,26688	6,93010	10,47025,73312	30	
	40	9,50622,98552	6,21602	9,97641,78854	71319	9,52981,19698	6,92921	10,47018,80302	20	
	50	9,50629,20154	6,21503	9,97641,07535	71330	9,52988,12619	6,92833	10,47011,87381	10	
43	0	9,50635,41657	6,21403	9,97640,36205	71342	9,52995,05452	6,92745	10,47004,94548	0	17
	10	9,50641,63060	6,21304	9,97639,64863	71353	9,53001,98197	6,92657	10,46998,01803	50	
	20	9,50647,84364	6,21208	9,97638,93510	71365	9,53008,90854	6,92573	10,46991,09146	40	
	30	9,50654,05572	6,21108	9,97638,22145	71376	9,53015,83427	6,92484	10,46984,16573	30	
	40	9,50660,26680	6,21007	9,97637,50769	71387	9,53022,75911	6,92394	10,46977,24089	20	
	50	9,50666,47687	6,20908	9,97636,79382	71399	9,53029,68305	6,92307	10,46970,31695	10	
44	0	9,50672,68595	6,20808	9,97636,07983	71410	9,53036,60612	6,92218	10,46963,39388	0	16
	10	9,50678,89403	6,20711	9,97635,36573	71421	9,53043,52830	6,92132	10,46956,47170	50	
	20	9,50685,10114	6,20613	9,97634,65152	71433	9,53050,44962	6,92046	10,46949,55038	40	
	30	9,50691,30727	6,20512	9,97633,93719	71444	9,53057,37008	6,91956	10,46942,62992	30	
	40	9,50697,51239	6,20414	9,97633,22275	71456	9,53064,28964	6,91870	10,46935,71036	20	
	50	9,50703,71653	6,20316	9,97632,50819	71467	9,53071,20834	6,91783	10,46928,79166	10	
45	0	9,50709,91969	6,20218	9,97631,79352	71479	9,53078,12617	6,91697	10,46921,87383	0	15
	10	9,50716,12187	6,20117	9,97631,07873	71490	9,53085,04314	6,91607	10,46914,95686	50	
	20	9,50722,32304	6,20019	9,97630,36383	71501	9,53091,95921	6,91520	10,46908,04079	40	
	30	9,50728,52323	6,19919	9,97629,64882	71513	9,53098,87441	6,91432	10,46901,12559	30	
	40	9,50734,72242	6,19822	9,97628,93369	71524	9,53105,78873	6,91346	10,46894,21127	20	
	50	9,50740,92064	6,19724	9,97628,21845	71535	9,53112,70219	6,91259	10,46887,29781	10	
46	0	9,50747,11788	6,19624	9,97627,50310	71547	9,53119,61478	6,91171	10,46880,38522	0	14
	10	9,50753,31412	6,19527	9,97626,78763	71558	9,53126,52649	6,91085	10,46873,47351	50	
	20	9,50759,50939	6,19426	9,97626,07205	71569	9,53133,43734	6,90995	10,46866,56266	40	
	30	9,50765,70365	6,19329	9,97625,35636	71581	9,53140,34729	6,90910	10,46859,65271	30	
	40	9,50771,89694	6,19229	9,97624,64055	71592	9,53147,25639	6,90821	10,46852,74361	20	
	50	9,50778,08923	6,19132	9,97623,92463	71604	9,53154,16460	6,90736	10,46845,83540	10	
47	0	9,50784,28055	6,19032	9,97623,20859	71615	9,53161,07196	6,90647	10,46838,92804	0	13
	10	9,50790,47087	6,18935	9,97622,49244	71626	9,53167,97843	6,90561	10,46832,02157	50	
	20	9,50796,66022	6,18837	9,97621,77618	71638	9,53174,88404	6,90475	10,46825,11596	40	
	30	9,50802,84859	6,18739	9,97621,05980	71649	9,53181,78879	6,90388	10,46818,21121	30	
	40	9,50809,03598	6,18639	9,97620,34331	71661	9,53188,69267	6,90300	10,46811,30733	20	
	50	9,50815,22237	6,18541	9,97619,62670	71672	9,53195,59567	6,90213	10,46804,40433	10	
48	0	9,50821,40778	6,18443	9,97618,90998	71684	9,53202,49780	6,90127	10,46797,50220	0	12
	10	9,50827,59221	6,18345	9,97618,19314	71695	9,53209,39907	6,90040	10,46790,60093	50	
	20	9,50833,77566	6,18247	9,97617,47619	71706	9,53216,29947	6,89953	10,46783,70053	40	
	30	9,50839,95813	6,18148	9,97616,75913	71718	9,53223,19900	6,89866	10,46776,80100	30	
	40	9,50846,13961	6,18049	9,97616,04195	71729	9,53230,09766	6,89778	10,46769,90234	20	
	50	9,50852,32010	6,17953	9,97615,32466	71740	9,53236,99544	6,89693	10,46763,00456	10	
49	0	9,50858,49963	6,17855	9,97614,60726	71752	9,53243,89237	6,89607	10,46756,10763	0	11
	10	9,50864,67818	6,17755	9,97613,88974	71763	9,53250,78844	6,89518	10,46749,21156	50	
	20	9,50870,85573	6,17657	9,97613,17211	71774	9,53257,68362	6,89431	10,46742,31638	40	
	30	9,50877,03230	6,17560	9,97612,45437	71786	9,53264,57793	6,89346	10,46735,42207	30	
	40	9,50883,20790	6,17461	9,97611,73651	71797	9,53271,47139	6,89258	10,46728,52861	20	
	50	9,50889,38251	6,17364	9,97611,01854	71809	9,53278,36397	6,89173	10,46721,63603	10	
50	0	9,50895,55615	6,17265	9,97610,30045	71820	9,53285,25570	6,89085	10,46714,74430	0	10
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. complem. Logarithmi.		
50	0	9,50895,55615	6,17265	9,97610,30045	71820	9,53285,25570	6,89085	10,46714,74430	0	10
	10	9,50901,72880	6,17167	9,97609,58225	71832	9,53292,14655	6,88999	10,46707,85345	50	
	20	9,50907,90047	6,17070	9,97608,86393	71843	9,53299,03654	6,88913	10,46700,96346	40	
	30	9,50914,07117	6,16072	9,97608,14550	71854	9,53305,92567	6,88826	10,46694,07433	30	
	40	9,50920,24089	6,16876	9,97607,42696	71866	9,53312,81393	6,88742	10,46687,18607	20	
	50	9,50926,40965	6,16776	9,97606,70830	71877	9,53319,70135	6,88653	10,46680,29865	10	
51	0	9,50932,57741	6,16677	9,97605,98953	71888	9,53326,58788	6,88565	10,46673,41212	0	9
	10	9,50938,74418	6,16582	9,97605,27065	71900	9,53333,47353	6,88482	10,46666,52047	50	
	20	9,50944,91000	6,16484	9,97604,55165	71911	9,53340,35835	6,88395	10,46659,64165	40	
	30	9,50951,07484	6,16387	9,97603,83254	71923	9,53347,24230	6,88310	10,46652,75770	30	
	40	9,50957,23871	6,16287	9,97603,11331	71934	9,53354,12540	6,88221	10,46645,87460	20	
	50	9,50963,40158	6,16190	9,97602,39397	71946	9,53361,00761	6,88136	10,46638,99239	10	
52	0	9,50969,56348	6,16091	9,97601,67451	71957	9,53367,88897	6,88048	10,46632,11103	0	8
	10	9,50975,72439	6,15994	9,97600,95494	71968	9,53374,76945	6,87962	10,46625,23055	50	
	20	9,50981,88433	6,15899	9,97600,23526	71980	9,53381,64907	6,87879	10,46618,35093	40	
	30	9,50988,04332	6,15799	9,97599,51546	71991	9,53388,52786	6,87790	10,46611,47214	30	
	40	9,50994,20131	6,15703	9,97598,79555	72002	9,53395,40576	6,87705	10,46604,59424	20	
	50	9,51000,35834	6,15604	9,97598,07553	72014	9,53402,28281	6,87618	10,46597,71719	10	
53	0	9,51006,51438	6,15507	9,97597,35539	72025	9,53409,15899	6,87532	10,46590,84101	0	7
	10	9,51012,66945	6,15411	9,97596,63514	72037	9,53416,03431	6,87448	10,46583,96569	50	
	20	9,51018,82356	6,15312	9,97595,91477	72048	9,53422,90879	6,87360	10,46577,09121	40	
	30	9,51024,97668	6,15215	9,97595,19429	72060	9,53429,78239	6,87275	10,46570,21761	30	
	40	9,51031,12883	6,15117	9,97594,47369	72071	9,53436,65514	6,87188	10,46563,34486	20	
	50	9,51037,28000	6,15021	9,97593,75298	72082	9,53443,52702	6,87103	10,46556,47298	10	
54	0	9,51043,43021	6,14924	9,97593,03216	72094	9,53450,39805	6,87018	10,46549,60195	0	6
	10	9,51049,57945	6,14827	9,97592,31122	72105	9,53457,26823	6,86932	10,46542,73177	50	
	20	9,51055,72772	6,14728	9,97591,59017	72117	9,53464,13755	6,86845	10,46535,86245	40	
	30	9,51061,87500	6,14631	9,97590,86900	72128	9,53471,00600	6,86759	10,46528,99400	30	
	40	9,51068,02131	6,14533	9,97590,14772	72139	9,53477,87359	6,86672	10,46522,12641	20	
	50	9,51074,16664	6,14438	9,97589,42633	72151	9,53484,74031	6,86589	10,46515,25969	10	
55	0	9,51080,31102	6,14339	9,97588,70482	72162	9,53491,60620	6,86501	10,46508,39380	0	5
	10	9,51086,45441	6,14244	9,97587,98320	72174	9,53498,47121	6,86418	10,46501,52879	50	
	20	9,51092,59685	6,14147	9,97587,26146	72185	9,53505,33539	6,86332	10,46494,66461	40	
	30	9,51098,73832	6,14049	9,97586,53961	72196	9,53512,19871	6,86245	10,46487,80129	30	
	40	9,51104,87881	6,13950	9,97585,81765	72208	9,53519,06116	6,86158	10,46480,93884	20	
	50	9,51111,01831	6,13855	9,97585,09557	72219	9,53525,92274	6,86074	10,46474,07726	10	
56	0	9,51117,15686	6,13758	9,97584,37338	72231	9,53532,78348	6,85989	10,46467,21652	0	4
	10	9,51123,29444	6,13662	9,97583,65107	72242	9,53539,64337	6,85904	10,46460,35663	50	
	20	9,51129,43106	6,13563	9,97582,92865	72253	9,53546,50241	6,85816	10,46453,49759	40	
	30	9,51135,56669	6,13467	9,97582,20612	72265	9,53553,36057	6,85732	10,46446,63943	30	
	40	9,51141,70136	6,13370	9,97581,48347	72276	9,53560,21789	6,85646	10,46439,78211	20	
	50	9,51147,83506	6,13274	9,97580,76071	72288	9,53567,07435	6,85562	10,46432,92565	10	
57	0	9,51153,96780	6,13177	9,97580,03783	72299	9,53573,92997	6,85476	10,46426,07003	0	3
	10	9,51160,09957	6,13078	9,97579,31484	72310	9,53580,78473	6,85388	10,46419,21527	50	
	20	9,51166,23035	6,12984	9,97578,59174	72322	9,53587,63861	6,85306	10,46412,36139	40	
	30	9,51172,36019	6,12886	9,97577,86852	72333	9,53594,49167	6,85219	10,46405,50833	30	
	40	9,51178,48905	6,12791	9,97577,14519	72345	9,53601,34386	6,85136	10,46398,65614	20	
	50	9,51184,61696	6,12692	9,97576,42174	72356	9,53608,19522	6,85048	10,46391,80478	10	
58	0	9,51190,74388	6,12597	9,97575,69818	72368	9,53615,04570	6,84965	10,46384,95430	0	2
	10	9,51196,86985	6,12501	9,97574,97450	72379	9,53621,89535	6,84880	10,46378,10465	50	
	20	9,51202,99486	6,12403	9,97574,25071	72390	9,53628,74415	6,84793	10,46371,25585	40	
	30	9,51209,11889	6,12307	9,97573,52681	72402	9,53635,59208	6,84709	10,46364,40792	30	
	40	9,51215,24196	6,12209	9,97572,80279	72413	9,53642,43917	6,84622	10,46357,56083	20	
	50	9,51221,36405	6,12114	9,97572,07866	72425	9,53649,28539	6,84539	10,46350,71461	10	
59	0	9,51227,48519	6,12016	9,97571,35441	72436	9,53656,13078	6,84452	10,46343,86922	0	1
	10	9,51233,60535	6,11921	9,97570,63005	72447	9,53662,97530	6,84368	10,46337,02470	50	
	20	9,51239,72456	6,11825	9,97569,90558	72459	9,53669,81898	6,84284	10,46330,18102	40	
	30	9,51245,84281	6,11728	9,97569,18099	72470	9,53676,66182	6,84198	10,46323,33818	30	
	40	9,51251,96009	6,11632	9,97568,45629	72482	9,53683,50380	6,84114	10,46316,49620	20	
	50	9,51258,07641	6,11535	9,97567,73147	72493	9,53690,34494	6,84028	10,46309,65506	10	
60	0	9,51264,19176	6,11439	9,97567,00654	72505	9,53697,18522	6,83944	10,46302,81478	0	0
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

19		SINVVM		SIN. COMPLEM.		TANGEN.		TANG. COMPLEM.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	Differ. communes.	Logarithmi.		
0	0	9,51264,19176	6,11439	9,97567,00654	72505	9,53697,18522	6,83944	10,46302,81478	0	60
	10	9,51270,30615	6,11343	9,97566,28149	72516	9,53704,02466	6,83859	10,46295,97534	50	
	20	9,51276,41958	6,11246	9,97565,55633	72527	9,53710,86325	6,83773	10,46289,13675	40	
	30	9,51282,53204	6,11150	9,97564,83106	72539	9,53717,70098	6,83689	10,46282,29902	30	
	40	9,51288,64354	6,11054	9,97564,10567	72550	9,53724,53787	6,83604	10,46275,46213	20	
	50	9,51294,75408	6,10958	9,97563,38017	72562	9,53731,37391	6,83520	10,46268,62609	10	
1	0	9,51300,86366	6,10861	9,97562,65455	72573	9,53738,20011	6,83434	10,46261,79089	0	59
	10	9,51306,97227	6,10767	9,97561,92882	72585	9,53745,04345	6,83352	10,46254,95655	50	
	20	9,51313,07994	6,10669	9,97561,20297	72596	9,53751,87697	6,83265	10,46248,12303	40	
	30	9,51319,18663	6,10572	9,97560,47701	72607	9,53758,70962	6,83179	10,46241,29038	30	
	40	9,51325,29235	6,10478	9,97559,75094	72619	9,53765,54141	6,83097	10,46234,45859	20	
	50	9,51331,39713	6,10382	9,97559,02475	72630	9,53772,37238	6,83012	10,46227,62762	10	
2	0	9,51337,50095	6,10285	9,97558,29845	72642	9,53779,20250	6,82927	10,46220,79750	0	58
	10	9,51343,60380	6,10190	9,97557,57203	72653	9,53786,03177	6,82843	10,46213,96823	50	
	20	9,51349,70570	6,10094	9,97556,84550	72664	9,53792,86020	6,82758	10,46207,13980	40	
	30	9,51355,80664	6,09999	9,97556,11886	72676	9,53799,68778	6,82675	10,46200,31222	30	
	40	9,51361,90663	6,09901	9,97555,39210	72687	9,53806,51453	6,82588	10,46193,48547	20	
	50	9,51368,00564	6,09806	9,97554,66523	72699	9,53813,34041	6,82505	10,46186,65959	10	
3	0	9,51374,10370	6,09708	9,97553,93824	72710	9,53820,16546	6,82418	10,46179,83454	0	57
	10	9,51380,20078	6,09615	9,97553,21114	72722	9,53826,98964	6,82337	10,46173,01036	50	
	20	9,51386,29693	6,09519	9,97552,48392	72733	9,53833,81301	6,82252	10,46166,18699	40	
	30	9,51392,39212	6,09422	9,97551,75659	72744	9,53840,63553	6,82166	10,46159,36447	30	
	40	9,51398,48634	6,09327	9,97551,02915	72756	9,53847,45719	6,82083	10,46152,54281	20	
	50	9,51404,57961	6,09232	9,97550,30159	72767	9,53854,27802	6,81999	10,46145,72198	10	
4	0	9,51410,67193	6,09137	9,97549,57392	72779	9,53861,09801	6,81916	10,46138,90199	0	56
	10	9,51416,76330	6,09041	9,97548,84613	72790	9,53867,91717	6,81831	10,46132,08283	50	
	20	9,51422,85371	6,08943	9,97548,11823	72801	9,53874,73548	6,81744	10,46125,26452	40	
	30	9,51428,94314	6,08848	9,97547,39022	72813	9,53881,55292	6,81661	10,46118,44708	30	
	40	9,51435,03162	6,08754	9,97546,66209	72824	9,53888,36953	6,81578	10,46111,63047	20	
	50	9,51441,11916	6,08658	9,97545,93385	72836	9,53895,18531	6,81494	10,46104,81469	10	
5	0	9,51447,20574	6,08561	9,97545,20549	72847	9,53902,00025	6,81408	10,46097,99975	0	55
	10	9,51453,29135	6,08468	9,97544,47702	72859	9,53908,81433	6,81327	10,46091,18567	50	
	20	9,51459,37603	6,08372	9,97543,74843	72870	9,53915,62760	6,81242	10,46084,37240	40	
	30	9,51465,45975	6,08275	9,97543,01973	72882	9,53922,44002	6,81157	10,46077,55998	30	
	40	9,51471,54250	6,08181	9,97542,29091	72893	9,53929,25159	6,81074	10,46070,74841	20	
	50	9,51477,62431	6,08085	9,97541,56198	72904	9,53936,06233	6,80989	10,46063,93767	10	
6	0	9,51483,70516	6,07991	9,97540,83294	72916	9,53942,87222	6,80907	10,46057,12778	0	54
	10	9,51489,78507	6,07895	9,97540,10378	72927	9,53949,68129	6,80822	10,46050,31871	50	
	20	9,51495,86402	6,07799	9,97539,37451	72939	9,53956,48951	6,80738	10,46043,51049	40	
	30	9,51501,94201	6,07704	9,97538,64512	72950	9,53963,29689	6,80654	10,46036,70311	30	
	40	9,51508,01905	6,07610	9,97537,91562	72962	9,53970,10343	6,80572	10,46029,89657	20	
	50	9,51514,09515	6,07514	9,97537,18600	72973	9,53976,90915	6,80487	10,46023,09085	10	
7	0	9,51520,17029	6,07417	9,97536,45627	72984	9,53983,71402	6,80401	10,46016,28598	0	53
	10	9,51526,24446	6,07323	9,97535,72643	72996	9,53990,51803	6,80319	10,46009,48197	50	
	20	9,51532,31769	6,07228	9,97534,99647	73007	9,53997,32122	6,80235	10,46002,67878	40	
	30	9,51538,38997	6,07134	9,97534,26640	73019	9,54004,12357	6,80153	10,45995,87643	30	
	40	9,51544,46131	6,07037	9,97533,53621	73030	9,54010,92510	6,80067	10,45989,07490	20	
	50	9,51550,53168	6,06944	9,97532,80591	73042	9,54017,72577	6,79986	10,45982,27423	10	
8	0	9,51556,60112	6,06848	9,97532,07549	73053	9,54024,52563	6,79901	10,45975,47437	0	52
	10	9,51562,66960	6,06753	9,97531,34496	73065	9,54031,32464	6,79818	10,45968,67536	50	
	20	9,51568,73713	6,06659	9,97530,61431	73076	9,54038,12282	6,79735	10,45961,87718	40	
	30	9,51574,80372	6,06565	9,97529,88355	73087	9,54044,92017	6,79652	10,45955,07983	30	
	40	9,51580,86937	6,06469	9,97529,15268	73099	9,54051,71669	6,79568	10,45948,28331	20	
	50	9,51586,93406	6,06371	9,97528,42169	73110	9,54058,51237	6,79481	10,45941,48763	10	
9	0	9,51592,99777	6,06278	9,97527,69059	73122	9,54065,30718	6,79400	10,45934,69282	0	51
	10	9,51599,06055	6,06185	9,97526,95937	73133	9,54072,10118	6,79318	10,45927,89882	50	
	20	9,51605,12240	6,06088	9,97526,22804	73145	9,54078,89436	6,79233	10,45921,10564	40	
	30	9,51611,18328	6,05993	9,97525,49659	73156	9,54085,68669	6,79149	10,45914,31331	30	
	40	9,51617,24321	6,05898	9,97524,76503	73167	9,54092,47818	6,79065	10,45907,52182	20	
	50	9,51623,30219	6,05806	9,97524,03336	73179	9,54099,26883	6,78985	10,45900,73117	10	
10	0	9,51629,36025	6,05710	9,97523,30157	73189	9,54106,05868	6,78899	10,45893,94132	0	50
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,51629,36025	6,05710	9,97523,30157	73189	9,54106,05868	6,78899	10,45893,94132	0	50
	10	9,51635,41735	6,05614	9,97522,56968	73202	9,54112,84767	6,78816	10,45887,15233	50	
	20	9,51641,47349	6,05519	9,97521,83766	73213	9,54119,63583	6,78732	10,45880,36417	40	
	30	9,51647,52868	6,05427	9,97521,10553	73225	9,54126,42315	6,78652	10,45873,57685	30	
	40	9,51653,58295	6,05331	9,97520,37328	73236	9,54133,20967	6,78567	10,45866,79033	20	
	50	9,51659,63626	6,05237	9,97519,64092	73248	9,54139,99534	6,78485	10,45860,00466	10	
11	0	9,51665,68863	6,05143	9,97518,90844	73259	9,54146,78019	6,78402	10,45853,21981	0	49
	10	9,51671,74006	6,05048	9,97518,17585	73271	9,54153,56421	6,78319	10,45846,43579	50	
	20	9,51677,79054	6,04953	9,97517,44314	73282	9,54160,34740	6,78235	10,45839,65260	40	
	30	9,51683,84007	6,04859	9,97516,71032	73293	9,54167,12975	6,78152	10,45832,87025	30	
	40	9,51689,88866	6,04765	9,97515,97739	73305	9,54173,91127	6,78070	10,45826,08873	20	
	50	9,51695,93631	6,04670	9,97515,24434	73316	9,54180,69197	6,77986	10,45819,30803	10	
12	0	9,51701,98301	6,04576	9,97514,51118	73328	9,54187,47183	6,77904	10,45812,52817	0	48
	10	9,51708,02877	6,04480	9,97513,77790	73339	9,54194,25087	6,77819	10,45805,74913	50	
	20	9,51714,07357	6,04387	9,97513,04451	73351	9,54201,02906	6,77738	10,45798,97094	40	
	30	9,51720,11744	6,04294	9,97512,31100	73362	9,54207,80644	6,77656	10,45792,19356	30	
	40	9,51726,16038	6,04198	9,97511,57738	73373	9,54214,58300	6,77571	10,45785,41700	20	
	50	9,51732,20236	6,04103	9,97510,84365	73385	9,54221,35871	6,77488	10,45778,64129	10	
13	0	9,51738,24339	6,04009	9,97510,10980	73395	9,54228,13359	6,77404	10,45771,86641	0	47
	10	9,51744,28348	6,03916	9,97509,37585	73408	9,54234,90763	6,77324	10,45765,09237	50	
	20	9,51750,32264	6,03820	9,97508,64177	73419	9,54241,68087	6,77239	10,45758,31913	40	
	30	9,51756,36084	6,03728	9,97507,90758	73431	9,54248,45326	6,77159	10,45751,54674	30	
	40	9,51762,39812	6,03633	9,97507,17327	73442	9,54255,22485	6,77075	10,45744,77515	20	
	50	9,51768,43445	6,03539	9,97506,43885	73454	9,54261,99560	6,76993	10,45738,00440	10	
14	0	9,51774,46984	6,03446	9,97505,70431	73465	9,54268,76553	6,76911	10,45731,23447	0	46
	10	9,51780,50430	6,03352	9,97504,96966	73477	9,54275,53464	6,76829	10,45724,46536	50	
	20	9,51786,53782	6,03256	9,97504,23489	73488	9,54282,30293	6,76744	10,45717,69707	40	
	30	9,51792,57038	6,03163	9,97503,50001	73499	9,54289,07037	6,76662	10,45710,92963	30	
	40	9,51798,60201	6,03069	9,97502,76502	73511	9,54295,83699	6,76580	10,45704,16301	20	
	50	9,51804,63270	6,02974	9,97502,02991	73522	9,54302,60279	6,76496	10,45697,39721	10	
15	0	9,51810,66244	6,02880	9,97501,29469	73533	9,54309,36775	6,76413	10,45690,63225	0	45
	10	9,51816,69124	6,02788	9,97500,55936	73545	9,54316,13188	6,76333	10,45683,86812	50	
	20	9,51822,71912	6,02694	9,97499,82391	73557	9,54322,89521	6,76251	10,45677,10479	40	
	30	9,51828,74606	6,02600	9,97499,08834	73568	9,54329,65772	6,76168	10,45670,34228	30	
	40	9,51834,77206	6,02506	9,97498,35266	73580	9,54336,41940	6,76086	10,45663,58060	20	
	50	9,51840,79712	6,02411	9,97497,61686	73591	9,54343,18026	6,76002	10,45656,81974	10	
16	0	9,51846,82123	6,02319	9,97496,88095	73603	9,54349,94028	6,75922	10,45650,05972	0	44
	10	9,51852,84442	6,02225	9,97496,14492	73614	9,54356,69950	6,75839	10,45643,30050	50	
	20	9,51858,86667	6,02130	9,97495,40878	73625	9,54363,45789	6,75755	10,45636,54211	40	
	30	9,51864,88797	6,02037	9,97494,67253	73637	9,54370,21544	6,75674	10,45629,78456	30	
	40	9,51870,90834	6,01942	9,97493,93616	73648	9,54376,97218	6,75590	10,45623,02782	20	
	50	9,51876,92776	6,01850	9,97493,19968	73660	9,54383,72808	6,75511	10,45616,27192	10	
17	0	9,51882,94626	6,01756	9,97492,46308	73671	9,54390,48319	6,75426	10,45609,51681	0	43
	10	9,51888,96382	6,01663	9,97491,72637	73683	9,54397,23745	6,75346	10,45602,76255	50	
	20	9,51894,98045	6,01569	9,97490,98954	73694	9,54403,99091	6,75263	10,45596,00909	40	
	30	9,51900,99614	6,01476	9,97490,25260	73706	9,54410,74354	6,75182	10,45589,25646	30	
	40	9,51907,01090	6,01383	9,97489,51554	73717	9,54417,49536	6,75100	10,45582,50464	20	
	50	9,51913,02473	6,01288	9,97488,77837	73728	9,54424,24636	6,75016	10,45575,75364	10	
18	0	9,51919,03761	6,01196	9,97488,04109	73740	9,54430,99652	6,74936	10,45569,00348	0	42
	10	9,51925,04957	6,01101	9,97487,30369	73751	9,54437,74588	6,74852	10,45562,25412	50	
	20	9,51931,06058	6,01008	9,97486,56618	73763	9,54444,49440	6,74771	10,45555,50560	40	
	30	9,51937,07066	6,00916	9,97485,82855	73775	9,54451,24211	6,74691	10,45548,75789	30	
	40	9,51943,07982	6,00822	9,97485,09080	73786	9,54457,98902	6,74608	10,45542,01098	20	
	50	9,51949,08804	6,00728	9,97484,35294	73797	9,54464,73510	6,74525	10,45535,26490	10	
19	0	9,51955,09532	6,00635	9,97483,61497	73808	9,54471,48035	6,74443	10,45528,51965	0	41
	10	9,51961,10167	6,00541	9,97482,87689	73820	9,54478,22478	6,74361	10,45521,77522	50	
	20	9,51967,10708	6,00449	9,97482,13869	73832	9,54484,96839	6,74281	10,45515,03161	40	
	30	9,51973,11157	6,00356	9,97481,40037	73843	9,54491,71120	6,74199	10,45508,28880	30	
	40	9,51979,11513	6,00261	9,97480,66194	73855	9,54498,45319	6,74116	10,45501,54681	20	
	50	9,51985,11774	6,00169	9,97479,92339	73866	9,54505,19435	6,74035	10,45494,80565	10	
20	0	9,51991,11943	6,00076	9,97479,18473	73878	9,54511,93470	6,73954	10,45488,06530	0	40
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. complem. Logarithmi.		
20	0	9,51991,11943	6,00076	9,97479,18473	73878	9,54511,93470	6,73954	10,45488,06530	0	40
	10	9,51997,12019	5,99983	9,97478,44595	73889	9,54518,67424	6,73872	10,45481,32576	50	
	20	9,52003,12002	5,99889	9,97477,70706	73900	9,54525,41296	6,73789	10,45474,58704	40	
	30	9,52009,11891	5,99796	9,97476,96806	73912	9,54532,15085	6,73708	10,45467,84915	30	
	40	9,52015,11687	5,99703	9,97476,22894	73923	9,54538,88793	6,73626	10,45461,11207	20	
	50	9,52021,11390	5,99612	9,97475,48971	73935	9,54545,62419	6,73547	10,45454,37581	10	
21	0	9,52027,11002	5,99517	9,97474,75036	73946	9,54552,35966	6,73463	10,45447,64034	0	39
	10	9,52033,10519	5,99425	9,97474,01090	73958	9,54559,09429	6,73383	10,45440,90571	50	
	20	9,52039,09944	5,99331	9,97473,27132	73969	9,54565,82812	6,73300	10,45434,17188	40	
	30	9,52045,09275	5,99240	9,97472,53163	73981	9,54572,56112	6,73221	10,45427,43888	30	
	40	9,52051,08515	5,99147	9,97471,79182	73992	9,54579,29333	6,73139	10,45420,70667	20	
	50	9,52057,07662	5,99051	9,97471,05190	74004	9,54586,02472	6,73055	10,45413,97528	10	
22	0	9,52063,06713	5,98959	9,97470,31186	74015	9,54592,75527	6,72974	10,45407,24473	0	38
	10	9,52069,05672	5,98867	9,97469,57171	74026	9,54599,48501	6,72893	10,45400,51499	50	
	20	9,52075,04539	5,98776	9,97468,83145	74038	9,54606,21394	6,72814	10,45393,78606	40	
	30	9,52081,03315	5,98684	9,97468,09107	74050	9,54612,94208	6,72734	10,45387,05792	30	
	40	9,52087,01999	5,98589	9,97467,35057	74061	9,54619,66942	6,72650	10,45380,33058	20	
	50	9,52093,00588	5,98496	9,97466,60996	74073	9,54626,39592	6,72569	10,45373,60408	10	
23	0	9,52098,99084	5,98403	9,97465,86923	74084	9,54633,12161	6,72487	10,45366,87839	0	37
	10	9,52104,97487	5,98311	9,97465,12839	74096	9,54639,84648	6,72407	10,45360,15352	50	
	20	9,52110,95798	5,98220	9,97464,38743	74107	9,54646,57055	6,72327	10,45353,42945	40	
	30	9,52116,94018	5,98125	9,97463,64636	74118	9,54653,29382	6,72243	10,45346,70618	30	
	40	9,52122,92143	5,98034	9,97462,90518	74130	9,54660,01625	6,72164	10,45339,98375	20	
	50	9,52128,90177	5,97940	9,97462,16388	74141	9,54666,73789	6,72081	10,45333,26211	10	
24	0	9,52134,88117	5,97848	9,97461,42247	74153	9,54673,45870	6,72001	10,45326,54130	0	36
	10	9,52140,85965	5,97757	9,97460,68094	74164	9,54680,17871	6,71921	10,45319,82129	50	
	20	9,52146,83722	5,97663	9,97459,93930	74176	9,54686,89792	6,71839	10,45313,10208	40	
	30	9,52152,81385	5,97569	9,97459,19754	74187	9,54693,61631	6,71756	10,45306,38369	30	
	40	9,52158,78954	5,97478	9,97458,45567	74198	9,54700,33387	6,71676	10,45299,66613	20	
	50	9,52164,76432	5,97387	9,97457,71369	74210	9,54707,05063	6,71597	10,45292,94937	10	
25	0	9,52170,73819	5,97294	9,97456,97159	74221	9,54713,76660	6,71515	10,45286,23340	0	35
	10	9,52176,71113	5,97202	9,97456,22938	74233	9,54720,48175	6,71435	10,45279,51825	50	
	20	9,52182,68315	5,97108	9,97455,48705	74245	9,54727,19610	6,71353	10,45272,80390	40	
	30	9,52188,65423	5,97016	9,97454,74460	74256	9,54733,90963	6,71272	10,45266,09037	30	
	40	9,52194,62439	5,96925	9,97454,00204	74268	9,54740,62235	6,71193	10,45259,37765	20	
	50	9,52200,59364	5,96832	9,97453,25936	74279	9,54747,33428	6,71111	10,45252,66572	10	
26	0	9,52206,56196	5,96740	9,97452,51657	74291	9,54754,04539	6,71031	10,45245,95461	0	34
	10	9,52212,52936	5,96648	9,97451,77366	74302	9,54760,75570	6,70950	10,45239,24430	50	
	20	9,52218,49584	5,96557	9,97451,03064	74313	9,54767,46520	6,70870	10,45232,53480	40	
	30	9,52224,46141	5,96464	9,97450,28751	74325	9,54774,17390	6,70789	10,45225,82610	30	
	40	9,52230,42605	5,96371	9,97449,54426	74336	9,54780,88179	6,70707	10,45219,11821	20	
	50	9,52236,38976	5,96279	9,97448,80090	74348	9,54787,58886	6,70627	10,45212,41114	10	
27	0	9,52242,35255	5,96186	9,97448,05742	74359	9,54794,29513	6,70545	10,45205,70487	0	33
	10	9,52248,31441	5,96095	9,97447,31383	74371	9,54801,00058	6,70466	10,45198,99942	50	
	20	9,52254,27536	5,96005	9,97446,57012	74383	9,54807,70524	6,70388	10,45192,29476	40	
	30	9,52260,23541	5,95912	9,97445,82629	74394	9,54814,40912	6,70306	10,45185,59088	30	
	40	9,52266,19453	5,95819	9,97445,08235	74405	9,54821,11218	6,70224	10,45178,88782	20	
	50	9,52272,15272	5,95727	9,97444,33830	74417	9,54827,81442	6,70144	10,45172,18558	10	
28	0	9,52278,10999	5,95634	9,97443,59413	74428	9,54834,51586	6,70062	10,45165,48414	0	32
	10	9,52284,06633	5,95544	9,97442,84985	74440	9,54841,21648	6,69984	10,45158,78352	50	
	20	9,52290,02177	5,95452	9,97442,10545	74451	9,54847,91632	6,69903	10,45152,08368	40	
	30	9,52295,97629	5,95360	9,97441,36094	74463	9,54854,61535	6,69823	10,45145,38465	30	
	40	9,52301,92989	5,95267	9,97440,61631	74474	9,54861,31358	6,69741	10,45138,68642	20	
	50	9,52307,88256	5,95178	9,97439,87157	74486	9,54868,01099	6,69664	10,45131,98901	10	
29	0	9,52313,83434	5,95085	9,97439,12671	74497	9,54874,70763	6,69582	10,45125,29237	0	31
	10	9,52319,78519	5,94993	9,97438,38174	74509	9,54881,40345	6,69502	10,45118,59655	50	
	20	9,52325,73512	5,94901	9,97437,63665	74520	9,54888,09847	6,69421	10,45111,90153	40	
	30	9,52331,68413	5,94809	9,97436,89145	74532	9,54894,79268	6,69341	10,45105,20732	30	
	40	9,52337,63222	5,94718	9,97436,14613	74543	9,54901,48609	6,69261	10,45098,51391	20	
	50	9,52343,57940	5,94626	9,97435,40070	74554	9,54908,17870	6,69180	10,45091,82130	10	
30	0	9,52349,52566	5,94533	9,97434,65516	74566	9,54914,87050	6,69099	10,45085,12950	0	30
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. complem. Logarithmi.		
30	0	9,52349,52566	5,94533	9,97434,65516	74566	9,54914,87050	6,69099	10,45085,12950	0	30
	10	9,52355,47099	5,94442	9,97433,90950	74577	9,54921,56149	6,69019	10,45078,43851	50	
	20	9,52361,41541	5,94352	9,97433,16373	74589	9,54928,25168	6,68941	10,45071,74832	40	
	30	9,52367,35893	5,94261	9,97432,41784	74601	9,54934,94109	6,68862	10,45065,05891	30	
	40	9,52373,30154	5,94167	9,97431,67183	74612	9,54941,62971	6,68779	10,45058,37029	20	
	50	9,52379,24321	5,94077	9,97430,92571	74624	9,54948,31750	6,68701	10,45051,68250	10	
31	0	9,52385,18398	5,93985	9,97430,17947	74635	9,54955,00451	6,68620	10,45044,99549	0	29
	10	9,52391,12383	5,93894	9,97429,43312	74647	9,54961,69071	6,68541	10,45038,30929	50	
	20	9,52397,06277	5,93804	9,97428,68665	74658	9,54968,37612	6,68462	10,45031,62388	40	
	30	9,52403,00081	5,93712	9,97427,94007	74669	9,54975,06074	6,68381	10,45024,93926	30	
	40	9,52408,93793	5,93618	9,97427,19338	74681	9,54981,74455	6,68299	10,45018,25545	20	
	50	9,52414,87411	5,93528	9,97426,44657	74692	9,54988,42754	6,68220	10,45011,57246	10	
32	0	9,52420,80939	5,93437	9,97425,69965	74704	9,54995,10974	6,68141	10,45004,89026	0	28
	10	9,52426,74376	5,93346	9,97424,95261	74716	9,55001,79115	6,68062	10,44998,20885	50	
	20	9,52432,67722	5,93255	9,97424,20545	74727	9,55008,47177	6,67982	10,44991,52823	40	
	30	9,52438,60977	5,93162	9,97423,45818	74738	9,55015,15159	6,67900	10,44984,84841	30	
	40	9,52444,54139	5,93072	9,97422,71080	74750	9,55021,83059	6,67822	10,44978,16941	20	
	50	9,52450,47211	5,92982	9,97421,96330	74761	9,55028,50881	6,67743	10,44971,49119	10	
33	0	9,52456,40193	5,92890	9,97421,21569	74773	9,55035,18624	6,67663	10,44964,81376	0	27
	10	9,52462,33083	5,92798	9,97420,46796	74784	9,55041,86287	6,67582	10,44958,13713	50	
	20	9,52468,25881	5,92707	9,97419,72012	74796	9,55048,53869	6,67503	10,44951,46131	40	
	30	9,52474,18588	5,92616	9,97418,97216	74807	9,55055,21372	6,67423	10,44944,78628	30	
	40	9,52480,11204	5,92526	9,97418,22409	74819	9,55061,88795	6,67345	10,44938,11205	20	
	50	9,52486,03730	5,92434	9,97417,47590	74831	9,55068,56140	6,67265	10,44931,43860	10	
34	0	9,52491,96164	5,92344	9,97416,72759	74842	9,55075,23405	6,67186	10,44924,76595	0	26
	10	9,52497,88508	5,92253	9,97415,97917	74854	9,55081,90591	6,67107	10,44918,09409	50	
	20	9,52503,80761	5,92161	9,97415,23063	74865	9,55088,57698	6,67026	10,44911,42302	40	
	30	9,52509,72922	5,92069	9,97414,48198	74876	9,55095,24724	6,66945	10,44904,75276	30	
	40	9,52515,64991	5,91979	9,97413,73322	74888	9,55101,91669	6,66867	10,44898,08331	20	
	50	9,52521,56970	5,91889	9,97412,98434	74899	9,55108,58536	6,66788	10,44891,41464	10	
35	0	9,52527,48859	5,91798	9,97412,23535	74911	9,55115,25324	6,66709	10,44884,74676	0	25
	10	9,52533,40657	5,91707	9,97411,48624	74922	9,55121,92033	6,66629	10,44878,07967	50	
	20	9,52539,32364	5,91615	9,97410,73702	74934	9,55128,58662	6,66549	10,44871,41338	40	
	30	9,52545,23979	5,91525	9,97409,98768	74945	9,55135,25211	6,66470	10,44864,74789	30	
	40	9,52551,15504	5,91435	9,97409,23823	74957	9,55141,91681	6,66392	10,44858,08319	20	
	50	9,52557,06939	5,91345	9,97408,48866	74969	9,55148,58073	6,66314	10,44851,41927	10	
36	0	9,52562,98284	5,91254	9,97407,73897	74980	9,55155,24387	6,66234	10,44844,75613	0	24
	10	9,52568,89538	5,91163	9,97406,98917	74992	9,55161,90621	6,66155	10,44838,09379	50	
	20	9,52574,80701	5,91071	9,97406,23925	75003	9,55168,56776	6,66074	10,44831,43224	40	
	30	9,52580,71772	5,90979	9,97405,48922	75014	9,55175,22850	6,65993	10,44824,77150	30	
	40	9,52586,62751	5,90891	9,97404,73908	75026	9,55181,88843	6,65917	10,44818,11157	20	
	50	9,52592,53642	5,90801	9,97403,98882	75037	9,55188,54760	6,65838	10,44811,45240	10	
37	0	9,52598,44443	5,90711	9,97403,23845	75049	9,55195,20598	6,65760	10,44804,79402	0	23
	10	9,52604,35154	5,90619	9,97402,48796	75060	9,55201,86358	6,65679	10,44798,13642	50	
	20	9,52610,25773	5,90527	9,97401,73736	75072	9,55208,52037	6,65599	10,44791,47963	40	
	30	9,52616,16300	5,90437	9,97400,98664	75083	9,55215,17636	6,65520	10,44784,82364	30	
	40	9,52622,06737	5,90348	9,97400,23581	75095	9,55221,83156	6,65443	10,44778,16844	20	
	50	9,52627,97085	5,90257	9,97399,48486	75107	9,55228,48599	6,65364	10,44771,51401	10	
38	0	9,52633,87342	5,90166	9,97398,73379	75118	9,55235,13963	6,65284	10,44764,86037	0	22
	10	9,52639,77508	5,90077	9,97397,98261	75130	9,55241,79247	6,65207	10,44758,20753	50	
	20	9,52645,67585	5,89985	9,97397,23131	75141	9,55248,44454	6,65126	10,44751,55546	40	
	30	9,52651,57570	5,89895	9,97396,47990	75152	9,55255,09580	6,65047	10,44744,90420	30	
	40	9,52657,47465	5,89804	9,97395,72838	75164	9,55261,74627	6,64968	10,44738,25373	20	
	50	9,52663,37269	5,89715	9,97394,97674	75176	9,55268,39595	6,64891	10,44731,60405	10	
39	0	9,52669,26984	5,89627	9,97394,22498	75188	9,55275,04486	6,64815	10,44724,95514	0	21
	10	9,52675,16611	5,89535	9,97393,47310	75199	9,55281,69301	6,64734	10,44718,30699	50	
	20	9,52681,06146	5,89443	9,97392,72111	75210	9,55288,34035	6,64653	10,44711,65965	40	
	30	9,52686,95589	5,89352	9,97391,96901	75221	9,55294,98688	6,64573	10,44705,01312	30	
	40	9,52692,84941	5,89265	9,97391,21680	75233	9,55301,63261	6,64498	10,44698,36739	20	
	50	9,52698,74206	5,89173	9,97390,46447	75244	9,55308,27759	6,64417	10,44691,72241	10	
40	0	9,52704,63379	5,89085	9,97389,71203	75256	9,55314,92176	6,64341	10,44685,07824	0	20
		Sin. complem.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi	Diff.	TANGEN. Logarithmi.	Differ. communes	TANG. COMPLEM. Logarithmi.	S	M
40	0	9,52704,63379	5,89085	9,97389,71203	75256	9,55314,92176	6,64341	10,44685,07824	0	20
	10	9,52710,52464	5,88992	9,97388,95947	75267	9,55321,56517	6,64259	10,44678,43483	50	
	20	9,52716,41456	5,88902	9,97388,20680	75279	9,55328,20776	6,64181	10,44671,79224	40	
	30	9,52722,30358	5,88812	9,97387,45401	75291	9,55334,84957	6,64103	10,44665,15043	30	
	40	9,52728,19170	5,88723	9,97386,70110	75302	9,55341,49060	6,64025	10,44658,50940	20	
	50	9,52734,07893	5,88634	9,97385,94808	75314	9,55348,13085	6,63948	10,44651,86915	10	
41	0	9,52739,96527	5,88543	9,97385,19494	75325	9,55354,77033	6,63868	10,44645,22967	0	19
	10	9,52745,85070	5,88453	9,97384,44169	75337	9,55361,40901	6,63790	10,44638,59099	50	
	20	9,52751,73523	5,88363	9,97383,68832	75348	9,55368,04691	6,63711	10,44631,95309	40	
	30	9,52757,61886	5,88273	9,97382,93484	75360	9,55374,68402	6,63633	10,44625,31598	30	
	40	9,52763,50159	5,88184	9,97382,18124	75371	9,55381,32035	6,63555	10,44618,67965	20	
	50	9,52769,38343	5,88094	9,97381,42753	75383	9,55387,95590	6,63477	10,44612,04410	10	
42	0	9,52775,26437	5,88004	9,97380,67370	75394	9,55394,59067	6,63398	10,44605,40933	0	18
	10	9,52781,14441	5,87914	9,97379,91970	75406	9,55401,22465	6,63320	10,44598,77535	50	
	20	9,52787,02355	5,87824	9,97379,16570	75417	9,55407,85785	6,63241	10,44592,14215	40	
	30	9,52792,90179	5,87734	9,97378,41153	75429	9,55414,49026	6,63163	10,44585,50974	30	
	40	9,52798,77913	5,87645	9,97377,65724	75440	9,55421,12189	6,63085	10,44578,87811	20	
	50	9,52804,65558	5,87555	9,97376,90284	75452	9,55427,75274	6,63007	10,44572,24726	10	
43	0	9,52810,53113	5,87465	9,97376,14832	75464	9,55434,38281	6,62929	10,44565,61719	0	17
	10	9,52816,40578	5,87376	9,97375,39368	75475	9,55441,01210	6,62851	10,44558,98790	50	
	20	9,52822,27954	5,87287	9,97374,63893	75486	9,55447,64061	6,62773	10,44552,35939	40	
	30	9,52828,15241	5,87197	9,97373,88407	75498	9,55454,26834	6,62695	10,44545,73166	30	
	40	9,52834,02438	5,87106	9,97373,12909	75509	9,55460,89529	6,02615	10,44539,10471	20	
	50	9,52839,89544	5,87016	9,97372,37400	75521	9,55467,52144	6,62537	10,44532,47856	10	
44	0	9,52845,76560	5,86927	9,97371,61879	75532	9,55474,14681	6,62459	10,44525,85319	0	16
	10	9,52851,63487	5,86839	9,97370,86347	75544	9,55480,77140	6,62383	10,44519,22860	50	
	20	9,52857,50326	5,86749	9,97370,10803	75556	9,55487,39523	6,62305	10,44512,60477	40	
	30	9,52863,37075	5,86658	9,97369,35247	75567	9,55494,01828	6,62225	10,44505,98172	30	
	40	9,52869,23733	5,86571	9,97368,59680	75579	9,55500,64053	6,62150	10,44499,35947	20	
	50	9,52875,10304	5,86480	9,97367,84101	75590	9,55507,26203	6,62070	10,44492,73797	10	
45	0	9,52880,96784	5,86390	9,97367,08511	75601	9,55513,88273	6,61991	10,44486,11727	0	15
	10	9,52886,83174	5,86302	9,97366,32910	75613	9,55520,50264	6,61915	10,44479,49736	50	
	20	9,52892,69476	5,86213	9,97365,57297	75625	9,55527,12179	6,61838	10,44472,87821	40	
	30	9,52898,55689	5,86122	9,97364,81672	75636	9,55533,74017	6,61758	10,44466,25983	30	
	40	9,52904,41811	5,86034	9,97364,06036	75648	9,55540,35775	6,61682	10,44459,64225	20	
	50	9,52910,27845	5,85945	9,97363,30388	75659	9,55546,97457	6,61604	10,44453,02543	10	
46	0	9,52916,13790	5,85857	9,97362,54729	75672	9,55553,59061	6,61529	10,44446,40939	0	14
	10	9,52921,99647	5,85766	9,97361,79057	75682	9,55560,20590	6,61448	10,44439,79410	50	
	20	9,52927,85413	5,85675	9,97361,03375	75694	9,55566,82038	6,61369	10,44433,17962	40	
	30	9,52933,71088	5,85586	9,97360,27681	75705	9,55573,43407	6,61291	10,44426,56593	30	
	40	9,52939,56674	5,85499	9,97359,51976	75717	9,55580,04698	6,61216	10,44419,95302	20	
	50	9,52945,42173	5,85409	9,97358,76259	75728	9,55586,65914	6,61137	10,44413,34086	10	
47	0	9,52951,27582	5,85320	9,97358,00531	75740	9,55593,27051	6,61060	10,44406,72949	0	13
	10	9,52957,12902	5,85231	9,97357,24791	75751	9,55599,88111	6,60982	10,44400,11889	50	
	20	9,52962,98133	5,85142	9,97356,49040	75763	9,55606,49093	6,60905	10,44393,50907	40	
	30	9,52968,83275	5,85052	9,97355,73277	75774	9,55613,09998	6,60826	10,44386,90002	30	
	40	9,52974,68327	5,84965	9,97354,97503	75786	9,55619,70824	6,60751	10,44380,29176	20	
	50	9,52980,53292	5,84875	9,97354,21717	75798	9,55626,31575	6,60673	10,44373,68425	10	
48	0	9,52986,38167	5,84786	9,97353,45919	75809	9,55632,92248	6,60595	10,44367,07752	0	12
	10	9,52992,22953	5,84698	9,97352,70110	75821	9,55639,52843	6,60519	10,44360,47157	50	
	20	9,52998,07651	5,84608	9,97351,94289	75832	9,55646,13362	6,60440	10,44353,86638	40	
	30	9,53003,92259	5,84520	9,97351,18457	75844	9,55652,73802	6,60364	10,44347,26198	30	
	40	9,53009,76779	5,84430	9,97350,42613	75855	9,55659,34166	6,60285	10,44340,65834	20	
	50	9,53015,61209	5,84341	9,97349,66758	75867	9,55665,94451	6,60208	10,44334,05549	10	
49	0	9,53021,45550	5,84253	9,97348,90891	75879	9,55672,54659	6,60132	10,44327,45341	0	11
	10	9,53027,29803	5,84163	9,97348,15012	75890	9,55679,14791	6,60053	10,44320,85209	50	
	20	9,53033,13966	5,84075	9,97347,39122	75901	9,55685,74844	6,59976	10,44314,25156	40	
	30	9,53038,98041	5,83986	9,97346,63221	75913	9,55692,34820	6,59899	10,44307,65180	30	
	40	9,53044,82027	5,83898	9,97345,87308	75924	9,55698,94719	6,59822	10,44301,05281	20	
	50	9,53050,65925	5,83809	9,97345,11384	75936	9,55705,54541	6,59745	10,44294,45459	10	
50	0	9,53056,49734	5,83719	9,97344,35448	75947	9,55712,14286	6,59666	10,44287,85714	0	10
		SIN. COMPLEM.		SINVVM		TANG. COMPL		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,53056,49734	5,83719	9,97344,35448	75947	9,55712,14286	6,59666	10,44287,85714	0	10
	10	9,53062,33453	5,83632	9,97343,59501	75959	9,55718,73952	6,59591	10,44281,26048	50	
	20	9,53068,17085	5,83544	9,97342,83542	75971	9,55725,33543	6,59515	10,44274,66457	40	
	30	9,53074,00629	5,83455	9,97342,07571	75982	9,55731,93058	6,59437	10,44268,06942	30	
	40	9,53079,84084	5,83365	9,97341,31589	75994	9,55738,52495	6,59359	10,44261,47505	20	
	50	9,53085,67449	5,83278	9,97340,55595	76005	9,55745,11854	6,59283	10,44254,88146	10	
51	0	9,53091,50727	5,83188	9,97339,79590	76017	9,55751,71137	6,59205	10,44248,28863	0	9
	10	9,53097,33915	5,83101	9,97339,03573	76028	9,55758,30342	6,59129	10,44241,69658	50	
	20	9,53103,17016	5,83011	9,97338,27545	76040	9,55764,89471	6,59051	10,44235,10529	40	
	30	9,53109,00027	5,82921	9,97337,51505	76051	9,55771,48522	6,58972	10,44228,51478	30	
	40	9,53114,82948	5,82835	9,97336,75454	76063	9,55778,07494	6,58898	10,44221,92506	20	
	50	9,53120,65783	5,82748	9,97335,99391	76074	9,55784,66392	6,58822	10,44215,33608	10	
52	0	9,53126,48531	5,82659	9,97335,23317	76086	9,55791,25214	6,58745	10,44208,74786	0	8
	10	9,53132,31190	5,82570	9,97334,47231	76097	9,55797,83959	6,58667	10,44202,16041	50	
	20	9,53138,13760	5,82480	9,97333,71134	76109	9,55804,42626	6,58589	10,44195,57374	40	
	30	9,53143,96240	5,82392	9,97332,95025	76121	9,55811,01215	6,58513	10,44188,98785	30	
	40	9,53149,78632	5,82305	9,97332,18904	76132	9,55817,59728	6,58437	10,44182,40272	20	
	50	9,53155,60937	5,82217	9,97331,42772	76144	9,55824,18165	6,58361	10,44175,81835	10	
53	0	9,53161,43154	5,82129	9,97330,66628	76156	9,55830,76526	6,58285	10,44169,23474	0	7
	10	9,53167,25283	5,82040	9,97329,90472	76167	9,55837,34811	6,58207	10,44162,65189	50	
	20	9,53173,07323	5,81950	9,97329,14305	76178	9,55843,93018	6,58128	10,44156,06982	40	
	30	9,53178,89273	5,81862	9,97328,38127	76190	9,55850,51146	6,58052	10,44149,48854	30	
	40	9,53184,71135	5,81777	9,97327,61937	76201	9,55857,09198	6,57978	10,44142,90802	20	
	50	9,53190,52912	5,81688	9,97326,85736	76213	9,55863,67176	6,57901	10,44136,32824	10	
54	0	9,53196,34600	5,81599	9,97326,09523	76224	9,55870,25077	6,57823	10,44129,74923	0	6
	10	9,53202,16199	5,81511	9,97325,33299	76236	9,55876,82900	6,57747	10,44123,17100	50	
	20	9,53207,97710	5,81423	9,97324,57063	76248	9,55883,40647	6,57671	10,44116,59353	40	
	30	9,53213,79133	5,81335	9,97323,80815	76259	9,55889,98318	6,57594	10,44110,01682	30	
	40	9,53219,60468	5,81247	9,97323,04556	76271	9,55896,55912	6,57518	10,44103,44088	20	
	50	9,53225,41715	5,81159	9,97322,28285	76282	9,55903,13430	6,57441	10,44096,86570	10	
55	0	9,53231,22874	5,81071	9,97321,52003	76294	9,55909,70871	6,57365	10,44090,29129	0	5
	10	9,53237,03945	5,80983	9,97320,75709	76305	9,55916,28236	6,57288	10,44083,71764	50	
	20	9,53242,84928	5,80895	9,97319,99404	76317	9,55922,85524	6,57212	10,44077,14476	40	
	30	9,53248,65823	5,80806	9,97319,23087	76328	9,55929,42736	6,57134	10,44070,57264	30	
	40	9,53254,46629	5,80720	9,97318,46759	76340	9,55935,99870	6,57060	10,44064,00130	20	
	50	9,53260,27349	5,80633	9,97317,70419	76352	9,55942,56930	6,56985	10,44057,43070	10	
56	0	9,53266,07982	5,80543	9,97316,94067	76363	9,55949,13915	6,56906	10,44050,86085	0	4
	10	9,53271,88525	5,80456	9,97316,17704	76375	9,55955,70821	6,56831	10,44044,29179	50	
	20	9,53277,68981	5,80368	9,97315,41329	76386	9,55962,27652	6,56754	10,44037,72348	40	
	30	9,53283,49349	5,80281	9,97314,64943	76398	9,55968,84406	6,56679	10,44031,15594	30	
	40	9,53289,29630	5,80193	9,97313,88545	76409	9,55975,41085	6,56602	10,44024,58915	20	
	50	9,53295,09823	5,80105	9,97313,12136	76421	9,55981,97687	6,56526	10,44018,02313	10	
57	0	9,53300,89928	5,80016	9,97312,35715	76432	9,55988,54213	6,56448	10,44011,45787	0	3
	10	9,53306,69944	5,79929	9,97311,59283	76444	9,55995,10661	6,56373	10,44004,89339	50	
	20	9,53312,49873	5,79843	9,97310,82839	76455	9,56001,67034	6,56298	10,43998,32966	40	
	30	9,53318,29716	5,79755	9,97310,06384	76467	9,56008,23332	6,56222	10,43991,76668	30	
	40	9,53324,09471	5,79667	9,97309,29917	76479	9,56014,79554	6,56146	10,43985,20446	20	
	50	9,53329,89138	5,79579	9,97308,53438	76490	9,56021,35700	6,56069	10,43978,64300	10	
58	0	9,53335,68717	5,79493	9,97307,76948	76502	9,56027,91769	6,55995	10,43972,08231	0	2
	10	9,53341,48210	5,79403	9,97307,00446	76513	9,56034,47764	6,55916	10,43965,52236	50	
	20	9,53347,27613	5,79316	9,97306,23933	76525	9,56041,03680	6,55841	10,43958,96320	40	
	30	9,53353,06929	5,79228	9,97305,47408	76536	9,56047,59521	6,55764	10,43952,40479	30	
	40	9,53358,86157	5,79142	9,97304,70872	76548	9,56054,15285	6,55690	10,43945,84715	20	
	50	9,53364,65299	5,79055	9,97303,94324	76560	9,56060,70975	6,55615	10,43939,29025	10	
59	0	9,53370,44354	5,78966	9,97303,17764	76571	9,56067,26590	6,55537	10,43932,73410	0	1
	10	9,53376,23320	5,78881	9,97302,41193	76583	9,56073,82127	6,55464	10,43926,17873	50	
	20	9,53382,02201	5,78793	9,97301,64610	76594	9,56080,37591	6,55387	10,43919,62409	40	
	30	9,53387,80994	5,78705	9,97300,88016	76606	9,56086,92978	6,55311	10,43913,07022	30	
	40	9,53393,59699	5,78617	9,97300,11410	76617	9,56093,48289	6,55234	10,43906,51711	20	
	50	9,53399,38316	5,78530	9,97299,34793	76629	9,56100,03523	6,55159	10,43899,96477	10	
60	0	9,53405,16846	5,78442	9,97298,58164	76640	9,56106,58682	6,55082	10,43893,41318	0	0
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin.comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.	S	M
0	0	9,53405,16846	5,78442	9,97298,58164	76640	9,56106,58682	6,55082	10,43893,41318	0	60
	10	9,53410,95288	5,78356	9,97297,81524	76652	9,56113,13764	6,55008	10,43886,86236	50	
	20	9,53416,73644	5,78269	9,97297,04872	76664	9,56119,68772	6,54933	10,43880,31228	40	
	30	9,53422,51913	5,78182	9,97296,28208	76675	9,56126,23705	6,54857	10,43873,76295	30	
	40	9,53428,30095	5,78095	9,97295,51533	76687	9,56132,78562	6,54782	10,43867,21438	20	
	50	9,53434,08190	5,78006	9,97294,74846	76698	9,56139,33344	6,54704	10,43860,66656	10	
1	0	9,53439,86196	5,77921	9,97293,98148	76710	9,56145,88048	6,54631	10,43854,11952	0	59
	10	9,53445,64117	5,77833	9,97293,21438	76721	9,56152,42679	6,54554	10,43847,57321	50	
	20	9,53451,41950	5,77745	9,97292,44717	76733	9,56158,97233	6,54478	10,43841,02767	40	
	30	9,53457,19695	5,77657	9,97291,67984	76744	9,56165,51711	6,54401	10,43834,48289	30	
	40	9,53462,97352	5,77572	9,97290,91240	76756	9,56172,06112	6,54328	10,43827,93888	20	
	50	9,53468,74924	5,77485	9,97290,14484	76768	9,56178,60440	6,54253	10,43821,39560	10	
2	0	9,53474,52409	5,77398	9,97289,37716	76779	9,56185,14693	6,54177	10,43814,85307	0	58
	10	9,53480,29807	5,77312	9,97288,60937	76791	9,56191,68870	6,54103	10,43808,31130	50	
	20	9,53486,07119	5,77222	9,97287,84146	76802	9,56198,22973	6,54024	10,43801,77027	40	
	30	9,53491,84341	5,77135	9,97287,07344	76814	9,56204,76997	6,53949	10,43795,23003	30	
	40	9,53497,61476	5,77050	9,97286,30530	76825	9,56211,30946	6,53875	10,43788,69054	20	
	50	9,53503,38526	5,76964	9,97285,53705	76837	9,56217,84821	6,53801	10,43782,15179	10	
3	0	9,53509,15490	5,76877	9,97284,76868	76849	9,56224,38622	6,53726	10,43775,61378	0	57
	10	9,53514,92367	5,76790	9,97284,00019	76860	9,56230,92348	6,53650	10,43769,07652	50	
	20	9,53520,69157	5,76703	9,97283,23159	76872	9,56237,45998	6,53575	10,43762,54002	40	
	30	9,53526,45860	5,76616	9,97282,46287	76883	9,56243,99573	6,53499	10,43756,00427	30	
	40	9,53532,22476	5,76529	9,97281,69404	76895	9,56250,53072	6,53424	10,43749,46928	20	
	50	9,53537,99005	5,76442	9,97280,92509	76906	9,56257,06496	6,53348	10,43742,93504	10	
4	0	9,53543,75447	5,76356	9,97280,15603	76918	9,56263,59844	6,53274	10,43736,40156	0	56
	10	9,53549,51803	5,76269	9,97279,38685	76929	9,56270,13118	6,53198	10,43729,86882	50	
	20	9,53555,28072	5,76181	9,97278,61756	76941	9,56276,66316	6,53122	10,43723,33684	40	
	30	9,53561,04253	5,76094	9,97277,84815	76953	9,56283,19438	6,53047	10,43716,80562	30	
	40	9,53566,80347	5,76009	9,97277,07862	76964	9,56289,72485	6,52973	10,43710,27515	20	
	50	9,53572,56356	5,75924	9,97276,30898	76976	9,56296,25458	6,52900	10,43703,74542	10	
5	0	9,53578,32280	5,75836	9,97275,53922	76987	9,56302,78358	6,52823	10,43697,21642	0	55
	10	9,53584,08116	5,75749	9,97274,76935	76999	9,56309,31181	6,52748	10,43690,68819	50	
	20	9,53589,83865	5,75662	9,97273,99936	77011	9,56315,83929	6,52673	10,43684,16071	40	
	30	9,53595,59527	5,75576	9,97273,22925	77022	9,56322,36602	6,52598	10,43677,63398	30	
	40	9,53601,35103	5,75491	9,97272,45903	77034	9,56328,89200	6,52525	10,43671,10800	20	
	50	9,53607,10594	5,75403	9,97271,68869	77045	9,56335,41725	6,52448	10,43664,58275	10	
6	0	9,53612,85997	5,75317	9,97270,91824	77057	9,56341,94173	6,52374	10,43658,05827	0	54
	10	9,53618,61314	5,75231	9,97270,14767	77068	9,56348,46547	6,52299	10,43651,53453	50	
	20	9,53624,36545	5,75143	9,97269,37699	77080	9,56354,98846	6,52223	10,43645,01154	40	
	30	9,53630,11688	5,75056	9,97268,60619	77092	9,56361,51069	6,52148	10,43638,48931	30	
	40	9,53635,86744	5,74973	9,97267,83527	77103	9,56368,03217	6,52076	10,43631,96783	20	
	50	9,53641,61717	5,74886	9,97267,06424	77115	9,56374,55293	6,52001	10,43625,44707	10	
7	0	9,53647,36603	5,74798	9,97266,29309	77126	9,56381,07294	6,51924	10,43618,92706	0	53
	10	9,53653,11401	5,74712	9,97265,52183	77138	9,56387,59218	6,51850	10,43612,40782	50	
	20	9,53658,86113	5,74627	9,97264,75045	77150	9,56394,11068	6,51777	10,43605,88932	40	
	30	9,53664,60740	5,74542	9,97263,97895	77161	9,56400,62845	6,51703	10,43599,37155	30	
	40	9,53670,35282	5,74454	9,97263,20734	77173	9,56407,14548	6,51627	10,43592,85452	20	
	50	9,53676,09736	5,74367	9,97262,43561	77184	9,56413,66175	6,51551	10,43586,33825	10	
8	0	9,53681,84103	5,74282	9,97261,66377	77196	9,56420,17726	6,51478	10,43579,82274	0	52
	10	9,53687,58385	5,74196	9,97260,89181	77207	9,56426,69204	6,51403	10,43573,30796	50	
	20	9,53693,32581	5,74109	9,97260,11974	77219	9,56433,20607	6,51328	10,43566,79393	40	
	30	9,53699,06690	5,74023	9,97259,34755	77230	9,56439,71935	6,51253	10,43560,28065	30	
	40	9,53704,80713	5,73937	9,97258,57525	77242	9,56446,23188	6,51179	10,43553,76812	20	
	50	9,53710,54650	5,73849	9,97257,80283	77254	9,56452,74367	6,51103	10,43547,25633	10	
9	0	9,53716,28499	5,73764	9,97257,03029	77265	9,56459,25470	6,51029	10,43540,74530	0	51
	10	9,53722,02263	5,73680	9,97256,25764	77277	9,56465,76499	6,50957	10,43534,23501	50	
	20	9,53727,75943	5,73593	9,97255,48487	77288	9,56472,27456	6,50881	10,43527,72544	40	
	30	9,53733,49536	5,73507	9,97254,71199	77300	9,56478,78337	6,50807	10,43521,21663	30	
	40	9,53739,23043	5,73422	9,97253,93899	77312	9,56485,29144	6,50734	10,43514,70856	20	
	50	9,53744,96465	5,73335	9,97253,16587	77323	9,56491,79878	6,50658	10,43508,20122	10	
10	0	9,53750,69800	5,73251	9,97252,39264	77335	9,56498,30536	6,50586	10,43501,69464	0	50
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,53750,69800		9,97252,39264		9,56498,30536		10,43501,69464	0	50
	10	9,53756,43051	5,73251	9,97251,61929	77335	9,56504,81122	6,50586	10,43495,18878	50	
	20	9,53762,16214	5,73163	9,97250,84583	77346	9,56511,31631	6,50509	10,43488,68369	40	
	30	9,53767,89291	5,73077	9,97250,07225	77358	9,56517,82066	6,50435	10,43482,17934	30	
	40	9,53773,62283	5,72992	9,97249,29855	77370	9,56524,32428	6,50362	10,43475,67572	20	
	50	9,53779,35189	5,72906	9,97248,52474	77381	9,56530,82715	6,50287	10,43469,17285	10	
11	0	9,53785,08010	5,72821	9,97247,75081	77393	9,56537,32929	6,50214	10,43462,67071	0	49
	10	9,53790,80745	5,72735	9,97246,97677	77404	9,56543,83068	6,50139	10,43456,16932	50	
	20	9,53796,53394	5,72649	9,97246,20261	77416	9,56550,33133	6,50065	10,43449,66867	40	
	30	9,53802,25956	5,72562	9,97245,42824	77427	9,56556,83122	6,49989	10,43443,16878	30	
	40	9,53807,98432	5,72476	9,97244,65395	77439	9,56563,33037	6,49915	10,43436,66963	20	
	50	9,53813,70824	5,72392	9,97243,87944	77451	9,56569,82880	6,49843	10,43430,17120	10	
12	0	9,53819,43130	5,72306	9,97243,10482	77462	9,56576,32648	6,49768	10,43423,67352	0	48
	10	9,53825,15351	5,72221	9,97242,33008	77474	9,56582,82343	6,49695	10,43417,17657	50	
	20	9,53830,87486	5,72135	9,97241,55523	77485	9,56589,31963	6,49620	10,43410,68037	40	
	30	9,53836,59535	5,72049	9,97240,78026	77497	9,56595,81509	6,49546	10,43404,18491	30	
	40	9,53842,31499	5,71964	9,97240,00517	77509	9,56602,30982	6,49473	10,43397,69018	20	
	50	9,53848,03378	5,71879	9,97239,22997	77520	9,56608,80381	6,49399	10,43391,19619	10	
13	0	9,53853,75171	5,71793	9,97238,45465	77532	9,56615,29706	6,49325	10,43384,70294	0	47
	10	9,53859,46878	5,71707	9,97237,67922	77543	9,56621,78956	6,49250	10,43378,21044	50	
	20	9,53865,18500	5,71622	9,97236,90367	77555	9,56628,28133	6,49177	10,43371,71867	40	
	30	9,53870,90036	5,71536	9,97236,12800	77567	9,56634,77236	6,49103	10,43365,22764	30	
	40	9,53876,61486	5,71450	9,97235,35222	77578	9,56641,26264	6,49028	10,43358,73736	20	
	50	9,53882,32853	5,71367	9,97234,57632	77590	9,56647,75221	6,48957	10,43352,24779	10	
14	0	9,53888,04133	5,71280	9,97233,80031	77601	9,56654,24102	6,48881	10,43345,75898	0	46
	10	9,53893,75329	5,71196	9,97233,02418	77613	9,56660,72911	6,48809	10,43339,27089	50	
	20	9,53899,46438	5,71109	9,97232,24794	77624	9,56667,21644	6,48733	10,43332,78356	40	
	30	9,53905,17462	5,71024	9,97231,47158	77636	9,56673,70304	6,48660	10,43326,29696	30	
	40	9,53910,88402	5,70940	9,97230,69510	77648	9,56680,18892	6,48588	10,43319,81108	20	
	50	9,53916,59255	5,70853	9,97229,91851	77659	9,56686,67404	6,48512	10,43313,32596	10	
15	0	9,53922,30022	5,70767	9,97229,14180	77671	9,56693,15842	6,48438	10,43306,84158	0	45
	10	9,53928,00707	5,70685	9,97228,36497	77683	9,56699,64210	6,48368	10,43300,35790	50	
	20	9,53933,71305	5,70598	9,97227,58803	77694	9,56706,12502	6,48292	10,43293,87498	40	
	30	9,53939,41818	5,70513	9,97226,81097	77706	9,56712,60721	6,48219	10,43287,39279	30	
	40	9,53945,12245	5,70427	9,97226,03380	77717	9,56719,08865	6,48144	10,43280,91135	20	
	50	9,53950,82589	5,70344	9,97225,25651	77729	9,56725,56938	6,48073	10,43274,43062	10	
16	0	9,53956,52846	5,70257	9,97224,47911	77740	9,56732,04935	6,47997	10,43267,95065	0	44
	10	9,53962,23018	5,70172	9,97223,70159	77752	9,56738,52859	6,47924	10,43261,47141	50	
	20	9,53967,93106	5,70088	9,97222,92395	77764	9,56745,00711	6,47852	10,43254,99289	40	
	30	9,53973,63107	5,70001	9,97222,14620	77775	9,56751,48487	6,47776	10,43248,51513	30	
	40	9,53979,33024	5,69917	9,97221,36833	77787	9,56757,96191	6,47704	10,43242,03809	20	
	50	9,53985,02857	5,69833	9,97220,59035	77798	9,56764,43822	6,47631	10,43235,56178	10	
17	0	9,53990,72604	5,69747	9,97219,81225	77810	9,56770,91379	6,47557	10,43229,08621	0	43
	10	9,53996,42266	5,69662	9,97219,03403	77822	9,56777,38863	6,47484	10,43222,61137	50	
	20	9,54002,11845	5,69579	9,97218,25570	77833	9,56783,86275	6,47412	10,43216,13725	40	
	30	9,54007,81338	5,69493	9,97217,47725	77845	9,56790,33613	6,47338	10,43209,66387	30	
	40	9,54013,50745	5,69407	9,97216,69868	77857	9,56796,80877	6,47264	10,43203,19123	20	
	50	9,54019,20069	5,69324	9,97215,92000	77868	9,56803,28069	6,47192	10,43196,71931	10	
18	0	9,54024,89307	5,69238	9,97215,14120	77880	9,56809,75187	6,47118	10,43190,24813	0	42
	10	9,54030,58461	5,69154	9,97214,36229	77891	9,56816,22232	6,47045	10,43183,77768	50	
	20	9,54036,27530	5,69069	9,97213,58326	77903	9,56822,69204	6,46972	10,43177,30796	40	
	30	9,54041,96514	5,68984	9,97212,80411	77915	9,56829,16103	6,46899	10,43170,83897	30	
	40	9,54047,65413	5,68899	9,97212,02485	77926	9,56835,62928	6,46825	10,43164,37072	20	
	50	9,54053,34228	5,68815	9,97211,24547	77938	9,56842,09681	6,46753	10,43157,90319	10	
19	0	9,54059,02956	5,68728	9,97210,46598	77949	9,56848,56358	6,46677	10,43151,43642	0	41
	10	9,54064,71601	5,68645	9,97209,68637	77961	9,56855,02964	6,46606	10,43144,97036	50	
	20	9,54070,40161	5,68560	9,97208,90664	77973	9,56861,49497	6,46533	10,43138,50503	40	
	30	9,54076,08637	5,68476	9,97208,12680	77984	9,56867,95957	6,46460	10,43132,04043	30	
	40	9,54081,77029	5,68392	9,97207,34684	77996	9,56874,42345	6,46388	10,43125,57655	20	
	50	9,54087,45336	5,68307	9,97206,56677	78007	9,56880,88659	6,46314	10,43119,11341	10	
20	0	9,54093,13557	5,68221	9,97205,78658	78019	9,56887,34899	6,46240	10,43112,65101	0	40
		Sin. comple.	5,68137	SINVVM	78031	Tang.compl	6,46168	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPLEM. Logarithmi.		
40	0	9,54768,92709	5,58151	9,97111,31972	79427	9,57657,60737	6,37578	10,42342,39263	0	20
	10	9,54774,50860	5,58068	9,97110,52545	79438	9,57663,98315	6,37506	10,42336,01685	50	
	20	9,54780,08928	5,57987	9,97109,73107	79450	9,57670,35821	6,37437	10,42329,64179	40	
	30	9,54785,66915	5,57904	9,97108,93657	79462	9,57676,73258	6,37366	10,42323,26742	30	
	40	9,54791,24819	5,57823	9,97108,14195	79474	9,57683,10624	6,37297	10,42316,89376	20	
	50	9,54796,82642	5,57741	9,97107,34721	79485	9,57689,47921	6,37226	10,42310,52079	10	
41	0	9,54802,40383	5,57659	9,97106,55236	79497	9,57695,85147	6,37156	10,42304,14853	0	19
	10	9,54807,98042	5,57577	9,97105,75739	79509	9,57702,22303	6,37086	10,42297,77697	50	
	20	9,54813,55619	5,57496	9,97104,96230	79520	9,57708,59389	6,37016	10,42291,40611	40	
	30	9,54819,13115	5,57416	9,97104,16710	79532	9,57714,96405	6,36948	10,42285,03595	30	
	40	9,54824,70531	5,57332	9,97103,37178	79543	9,57721,33353	6,36875	10,42278,66647	20	
	50	9,54830,27863	5,57249	9,97102,57635	79555	9,57727,70228	6,36804	10,42272,29772	10	
42	0	9,54835,85112	5,57169	9,97101,78080	79567	9,57734,07032	6,36736	10,42265,92968	0	18
	10	9,54841,42281	5,57087	9,97100,98513	79578	9,57740,43768	6,36665	10,42259,56232	50	
	20	9,54846,99368	5,57004	9,97100,18935	79590	9,57746,80433	6,36594	10,42253,19567	40	
	30	9,54852,56372	5,56924	9,97099,39345	79602	9,57753,17027	6,36526	10,42246,82973	30	
	40	9,54858,13296	5,56842	9,97098,59743	79613	9,57759,53553	6,36455	10,42240,46447	20	
	50	9,54863,70138	5,56760	9,97097,80130	79625	9,57765,90008	6,36385	10,42234,09992	10	
43	0	9,54869,26898	5,56679	9,97097,00505	79637	9,57772,26393	6,36316	10,42227,73607	0	17
	10	9,54874,83577	5,56597	9,97096,20868	79648	9,57778,62709	6,36245	10,42221,37291	50	
	20	9,54880,40174	5,56516	9,97095,41220	79660	9,57784,98954	6,36176	10,42215,01046	40	
	30	9,54885,96690	5,56434	9,97094,61560	79672	9,57791,35130	6,36106	10,42208,64870	30	
	40	9,54891,53124	5,56354	9,97093,81888	79684	9,57797,71236	6,36038	10,42202,28764	20	
	50	9,54897,09478	5,56271	9,97093,02204	79695	9,57804,07274	6,35966	10,42195,92726	10	
44	0	9,54902,65749	5,56189	9,97092,22509	79707	9,57810,43240	6,35896	10,42189,56760	0	16
	10	9,54908,21938	5,56109	9,97091,42802	79719	9,57816,79136	6,35828	10,42183,20864	50	
	20	9,54913,78047	5,56028	9,97090,63083	79730	9,57823,14964	6,35758	10,42176,85036	40	
	30	9,54919,34075	5,55946	9,97089,83353	79742	9,57829,50722	6,35688	10,42170,49278	30	
	40	9,54924,90021	5,55864	9,97089,03611	79753	9,57835,86410	6,35617	10,42164,13590	20	
	50	9,54930,45885	5,55782	9,97088,23858	79765	9,57842,22027	6,35547	10,42157,77973	10	
45	0	9,54936,01667	5,55700	9,97087,44093	79777	9,57848,57574	6,35477	10,42151,42426	0	15
	10	9,54941,57367	5,55621	9,97086,64316	79788	9,57854,93051	6,35409	10,42145,06949	50	
	20	9,54947,12988	5,55539	9,97085,84528	79800	9,57861,28460	6,35339	10,42138,71540	40	
	30	9,54952,68527	5,55458	9,97085,04728	79812	9,57867,63799	6,35270	10,42132,36201	30	
	40	9,54958,23985	5,55377	9,97084,24916	79824	9,57873,99069	6,35201	10,42126,00931	20	
	50	9,54963,79362	5,55295	9,97083,45092	79835	9,57880,34270	6,35130	10,42119,65730	10	
46	0	9,54969,34657	5,55213	9,97082,65257	79847	9,57886,69400	6,35060	10,42113,30600	0	14
	10	9,54974,89870	5,55133	9,97081,85410	79859	9,57893,04460	6,34992	10,42106,95540	50	
	20	9,54980,45003	5,55053	9,97081,05551	79870	9,57899,39452	6,34923	10,42100,60548	40	
	30	9,54986,00056	5,54971	9,97080,25681	79882	9,57905,74375	6,34853	10,42094,25625	30	
	40	9,54991,55027	5,54889	9,97079,45799	79893	9,57912,09228	6,34782	10,42087,90772	20	
	50	9,54997,09916	5,54809	9,97078,65906	79905	9,57918,44010	6,34714	10,42081,55990	10	
47	0	9,55002,64725	5,54728	9,97077,86001	79917	9,57924,78724	6,34645	10,42075,21276	0	13
	10	9,55008,19453	5,54646	9,97077,06084	79929	9,57931,13369	6,34575	10,42068,86631	50	
	20	9,55013,74099	5,54565	9,97076,26155	79940	9,57937,47944	6,34505	10,42062,52056	40	
	30	9,55019,28664	5,54484	9,97075,46215	79952	9,57943,82449	6,34436	10,42056,17551	30	
	40	9,55024,83148	5,54403	9,97074,66263	79964	9,57950,16885	6,34367	10,42049,83115	20	
	50	9,55030,37551	5,54323	9,97073,86299	79975	9,57956,51252	6,34298	10,42043,48748	10	
48	0	9,55035,91874	5,54241	9,97073,06324	79987	9,57962,85550	6,34228	10,42037,14450	0	12
	10	9,55041,46115	5,54161	9,97072,26337	79999	9,57969,19778	6,34160	10,42030,80222	50	
	20	9,55047,00276	5,54079	9,97071,46338	80010	9,57975,53938	6,34089	10,42024,46062	40	
	30	9,55052,54355	5,53998	9,97070,66328	80022	9,57981,88027	6,34020	10,42018,11973	30	
	40	9,55058,08353	5,53918	9,97069,86306	80034	9,57988,22047	6,33952	10,42011,77953	20	
	50	9,55063,62271	5,53836	9,97069,06272	80045	9,57994,55999	6,33881	10,42005,44001	10	
49	0	9,55069,16107	5,53756	9,97068,26227	80057	9,58000,89880	6,33813	10,41999,10120	0	11
	10	9,55074,69863	5,53676	9,97067,46170	80069	9,58007,23693	6,33745	10,41992,76307	50	
	20	9,55080,23539	5,53593	9,97066,66101	80080	9,58013,57438	6,33673	10,41986,42562	40	
	30	9,55085,77132	5,53513	9,97065,86021	80092	9,58019,91111	6,33605	10,41980,08889	30	
	40	9,55091,30645	5,53434	9,97065,05929	80104	9,58026,24716	6,33538	10,41973,75284	20	
	50	9,55096,84079	5,53353	9,97064,25825	80116	9,58032,58254	6,33469	10,41967,41746	10	
50	0	9,55102,37432	5,53272	9,97063,45709	80127	9,58038,91723	6,33399	10,41961,08277	0	10
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN.	S	M

20 M	S	SINVVM Logarithmi.	Differ.	SIN. COMPLEM. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	TANG. COMPLEM. Logarithmi.		
50	0	9,55102,37432	5,53272	9,97063,45709	80127	9,58038,91723	6,33399	10,41961,08277	0	10
	10	9,55107,90704	5,53191	9,97062,65582	80139	9,58045,25122	6,33330	10,41954,74878	50	
	20	9,55113,43895	5,53110	9,97061,85443	80151	9,58051,58452	6,33261	10,41948,41548	40	
	30	9,55118,97005	5,53030	9,97061,05292	80162	9,5805[illegible],91713	6,33192	10,41942,08287	30	
	40	9,55124,50035	5,52949	9,97060,25130	80174	9,58064,24905	6,33123	10,41935,75095	20	
	50	9,55130,02984	5,52868	9,97059,44956	80186	9,58070,58028	6,33054	10,41929,41972	10	
51	0	9,55135,55852	5,52787	9,97058,64770	80197	9,58076,91082	6,32984	10,41923,08918	0	9
	10	9,55141,08639	5,52707	9,97057,84573	80209	9,58083,24066	6,32916	10,41916,75934	50	
	20	9,55146,61346	5,52628	9,97057,04364	80221	9,58089,56982	6,32849	10,41910,43018	40	
	30	9,55152,13974	5,52545	9,97056,24143	80232	9,58095,89831	6,32777	10,41904,10169	30	
	40	9,55157,66519	5,52466	9,97055,43911	80244	9,58102,22608	6,32710	10,41897,77392	20	
	50	9,55163,18985	5,52386	9,97054,63667	80256	9,58108,55318	6,32642	10,41891,44682	10	
52	0	9,55168,71371	5,52306	9,97053,83411	80268	9,58114,87960	6,32574	10,41885,12040	0	8
	10	9,55174,23677	5,52224	9,97053,03143	80279	9,58121,20534	6,32503	10,41878,79466	50	
	20	9,55179,75901	5,52144	9,97052,22864	80291	9,58127,53037	6,32435	10,41872,46963	40	
	30	9,55185,28045	5,52063	9,97051,42573	80302	9,58133,85472	6,32365	10,41866,14528	30	
	40	9,55190,80108	5,51983	9,97050,62271	80314	9,58140,17837	6,32297	10,41859,82163	20	
	50	9,55196,32091	5,51903	9,97049,81957	80326	9,58146,50134	6,32229	10,41853,49866	10	
53	0	9,55201,83994	5,51822	9,97049,01631	80337	9,58152,82363	6,32159	10,41847,17637	0	7
	10	9,55207,35816	5,51742	9,97048,21294	80349	9,58159,14522	6,32091	10,41840,85478	50	
	20	9,55212,87558	5,51661	9,97047,40945	80361	9,58165,46613	6,32022	10,41834,53387	40	
	30	9,55218,39219	5,51580	9,97046,60584	80373	9,58171,78635	6,31953	10,41828,21365	30	
	40	9,55223,90799	5,51502	9,97045,80211	80385	9,58178,10588	6,31887	10,41821,89412	20	
	50	9,55229,42301	5,51422	9,97044,99826	80396	9,58184,42475	6,31818	10,41815,57525	10	
54	0	9,55234,93723	5,51342	9,97044,19430	80408	9,58190,74293	6,31750	10,41809,25707	0	6
	10	9,55240,45065	5,51261	9,97043,39022	80420	9,58197,06043	6,31681	10,41802,93957	50	
	20	9,55245,96326	5,51179	9,97042,58602	80431	9,58203,37724	6,31610	10,41796,62276	40	
	30	9,55251,47505	5,51100	9,97041,78171	80443	9,58209,69334	6,31543	10,41790,30666	30	
	40	9,55256,98605	5,51020	9,97040,97728	80454	9,58216,00877	6,31474	10,41783,99123	20	
	50	9,55262,49625	5,50940	9,97040,17274	80466	9,58222,32351	6,31406	10,41777,67649	10	
55	0	9,55268,00565	5,50861	9,97039,36808	80478	9,58228,63757	6,31339	10,41771,36243	0	5
	10	9,55273,51426	5,50780	9,97038,56330	80490	9,58234,95096	6,31270	10,41765,04904	50	
	20	9,55279,02206	5,50698	9,97037,75840	80501	9,58241,26366	6,31199	10,41758,73634	40	
	30	9,55284,52904	5,50620	9,97076,95339	80513	9,58247,57565	6,31133	10,41752,42435	30	
	40	9,55290,03524	5,50541	9,97036,14826	80525	9,58253,88698	6,31066	10,41746,11302	20	
	50	9,55295,54065	5,50460	9,97035,34301	80537	9,58260,19764	6,30997	10,41739,80236	10	
56	0	9,55301,04525	5,50378	9,97034,53764	80548	9,58266,50761	6,30926	10,41733,49239	0	4
	10	9,55306,54903	5,50300	9,97033,73216	80560	9,58272,81687	6,30860	10,41727,18313	50	
	20	9,55312,05203	5,50221	9,97032,92656	80572	9,58279,12547	6,30793	10,41720,87453	40	
	30	9,55317,55424	5,50140	9,97032,12084	80583	9,58285,43340	6,30723	10,41714,56660	30	
	40	9,55323,05564	5,50062	9,97031,31501	80595	9,58291,74063	6,30657	10,41708,25937	20	
	50	9,55328,55626	5,49979	9,97030,50906	80607	9,58298,04720	6,30586	10,41701,95280	10	
57	0	9,55334,05605	5,49900	9,97029,70299	80618	9,58304,35306	6,30518	10,41695,64694	0	3
	10	9,55339,55505	5,49821	9,97028,89681	80630	9,58310,65824	6,30451	10,41689,34176	50	
	20	9,55345,05326	5,49741	9,97028,09051	80642	9,58316,96275	6,30383	10,41683,03725	40	
	30	9,55350,55067	5,49662	9,97027,28409	80654	9,58323,26658	6,30316	10,41676,73342	30	
	40	9,55356,04729	5,49581	9,97026,47755	80665	9,58329,56974	6,30246	10,41670,43026	20	
	50	9,55361,54310	5,49502	9,97025,67090	80677	9,58335,87220	6,30179	10,41664,12780	10	
58	0	9,55367,03812	5,49422	9,97024,86413	80688	9,58342,17399	6,30110	10,41657,82601	0	2
	10	9,55372,53234	5,49342	9,97024,05725	80700	9,58348,47509	6,30042	10,41651,52491	50	
	20	9,55378,02576	5,49262	9,97023,25025	80712	9,58354,77551	6,29974	10,41645,22449	40	
	30	9,55383,51838	5,49181	9,97022,44313	80724	9,58361,07525	6,29905	10,41638,92475	30	
	40	9,55389,01019	5,49103	9,97021,63589	80736	9,58367,37430	6,29839	10,41632,62570	20	
	50	9,55394,50122	5,49025	9,97020,82853	80747	9,58373,67269	6,29772	10,41626,32731	10	
59	0	9,55399,99147	5,48944	9,97020,02106	80759	9,58379,97041	6,29703	10,41620,02959	0	1
	10	9,55405,48091	5,48865	9,97019,21347	80771	9,58386,26744	6,29636	10,41613,73256	50	
	20	9,55410,96956	5,48785	9,97018,40576	80782	9,58392,56380	6,29567	10,41607,43620	40	
	30	9,55416,45741	5,48705	9,97017,59794	80794	9,58398,85947	6,29499	10,41601,14053	30	
	40	9,55421,94446	5,48625	9,97016,79000	80806	9,58405,15446	6,29431	10,41594,84554	20	
	50	9,55427,43071	5,48546	9,97015,98194	80817	9,58411,44877	6,29363	10,41588,55123	10	
60	0	9,55432,91617	5,48468	9,97015,17377	80829	9,58417,74240	6,29297	10,41582,25760	0	0
		SIN. COMPLEM.		SINVVM		TANG. COMPL.		TANGEN	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. complem. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. complem. Logarithmi.		
0	0	9,55432,91617	5,48468	9,97015,17377	80829	9,58417,74240	6,29297	10,41582,25760	0	60
	10	9,55438,40085	5,48387	9,97014,36548	80841	9,58424,03537	6,29228	10,41575,96463	50	
	20	9,55443,88472	5,48307	9,97013,55707	80853	9,58430,32765	6,29160	10,41569,67235	40	
	30	9,55449,36779	5,48227	9,97012,74854	80864	9,58436,61925	6,29091	10,41563,38075	30	
	40	9,55454,85006	5,48149	9,97011,93990	80876	9,58442,91016	6,29025	10,41557,08984	20	
	50	9,55460,33155	5,48071	9,97011,13114	80888	9,58449,20041	6,28959	10,41550,79959	10	
1	0	9,55465,81226	5,47991	9,97010,32226	80899	9,58455,49000	6,28890	10,41544,51000	0	59
	10	9,55471,29217	5,47911	9,97009,51327	80911	9,58461,77890	6,28822	10,41538,22110	50	
	20	9,55476,77128	5,47831	9,97008,70416	80923	9,58468,06712	6,28754	10,41531,93288	40	
	30	9,55482,24959	5,47752	9,97007,89493	80935	9,58474,35466	6,28687	10,41525,64534	30	
	40	9,55487,72711	5,47673	9,97007,08558	80946	9,58480,64153	6,28619	10,41519,35847	20	
	50	9,55493,20384	5,47594	9,97006,27612	80958	9,58486,92772	6,28552	10,41513,07228	10	
2	0	9,55498,67978	5,47515	9,97005,46654	80970	9,58493,21324	6,28485	10,41506,78676	0	58
	10	9,55504,15493	5,47435	9,97004,65684	80982	9,58499,49809	6,28417	10,41500,50191	50	
	20	9,55509,62928	5,47356	9,97003,84702	80993	9,58505,78226	6,28349	10,41494,21774	40	
	30	9,55515,10284	5,47277	9,97003,03709	81005	9,58512,06575	6,28282	10,41487,93425	30	
	40	9,55520,57561	5,47198	9,97002,22704	81017	9,58518,34857	6,28215	10,41481,65143	20	
	50	9,55526,04759	5,47120	9,97001,41687	81028	9,58524,63072	6,28148	10,41475,36928	10	
3	0	9,55531,51879	5,47041	9,97000,60659	81040	9,58530,91220	6,28081	10,41469,08780	0	57
	10	9,55536,98920	5,46961	9,96999,79619	81052	9,58537,19301	6,28013	10,41462,80699	50	
	20	9,55542,45881	5,46879	9,96998,98567	81064	9,58543,47314	6,27943	10,41456,52686	40	
	30	9,55547,92760	5,46800	9,96998,17503	81075	9,58549,75257	6,27875	10,41450,24743	30	
	40	9,55553,39560	5,46724	9,96997,36428	81087	9,58556,03132	6,27811	10,41443,96868	20	
	50	9,55558,86284	5,46645	9,96996,55341	81098	9,58562,30943	6,27743	10,41437,69057	10	
4	0	9,55564,32929	5,46566	9,96995,74243	81110	9,58568,58686	6,27676	10,41431,41314	0	56
	10	9,55569,79495	5,46485	9,96994,93133	81122	9,58574,86362	6,27607	10,41425,13638	50	
	20	9,55575,25980	5,46405	9,96994,12011	81134	9,58581,13969	6,27539	10,41418,86031	40	
	30	9,55580,72385	5,46327	9,96993,30877	81146	9,58587,41508	6,27473	10,41412,58492	30	
	40	9,55586,18712	5,46251	9,96992,49731	81157	9,58593,68981	6,27408	10,41406,31019	20	
	50	9,55591,64963	5,46171	9,96991,68574	81169	9,58599,96389	6,27340	10,41400,03611	10	
5	0	9,55597,11134	5,46092	9,96990,87405	81181	9,58606,23729	6,27273	10,41393,76271	0	55
	10	9,55602,57226	5,46013	9,96990,06224	81192	9,58612,51002	6,27205	10,41387,48998	50	
	20	9,55608,03239	5,45933	9,96989,25032	81204	9,58618,78207	6,27137	10,41381,21793	40	
	30	9,55613,49172	5,45854	9,96988,43828	81216	9,58625,05344	6,27070	10,41374,94656	30	
	40	9,55618,95026	5,45777	9,96987,62612	81228	9,58631,32414	6,27005	10,41368,67586	20	
	50	9,55624,40803	5,45698	9,96986,81384	81239	9,58637,59419	6,26937	10,41362,40581	10	
6	0	9,55629,86501	5,45619	9,96986,00145	81251	9,58643,86356	6,26870	10,41356,13644	0	54
	10	9,55635,32120	5,45540	9,96985,18894	81263	9,58650,13226	6,26803	10,41349,86774	50	
	20	9,55640,77660	5,45461	9,96984,37631	81274	9,58656,40029	6,26735	10,41343,59971	40	
	30	9,55646,23121	5,45383	9,96983,56357	81286	9,58662,66764	6,26669	10,41337,33236	30	
	40	9,55651,68504	5,45303	9,96982,75071	81298	9,58668,93433	6,26601	10,41331,06567	20	
	50	9,55657,13807	5,45224	9,96981,93773	81310	9,58675,20034	6,26534	10,41324,79966	10	
7	0	9,55662,59031	5,45147	9,96981,12463	81322	9,58681,46568	6,26469	10,41318,53432	0	53
	10	9,55668,04178	5,45067	9,96980,31141	81333	9,58687,73037	6,26400	10,41312,26963	50	
	20	9,55673,49245	5,44990	9,96979,49808	81345	9,58693,99437	6,26335	10,41306,00563	40	
	30	9,55678,94235	5,44911	9,96978,68463	81357	9,58700,25772	6,26268	10,41299,74228	30	
	40	9,55684,39146	5,44833	9,96977,87106	81368	9,58706,52040	6,26201	10,41293,47960	20	
	50	9,55689,83979	5,44753	9,96977,05738	81380	9,58712,78241	6,26133	10,41287,21759	10	
8	0	9,55695,28732	5,44675	9,96976,24358	81392	9,58719,04374	6,26067	10,41280,95626	0	52
	10	9,55700,73407	5,44597	9,96975,42966	81403	9,58725,30441	6,26000	10,41274,69559	50	
	20	9,55706,18004	5,44517	9,96974,61563	81415	9,58731,56441	6,25932	10,41268,43559	40	
	30	9,55711,62521	5,44438	9,96973,80148	81427	9,58737,82373	6,25865	10,41262,17627	30	
	40	9,55717,06959	5,44361	9,96972,98721	81439	9,58744,08238	6,25800	10,41255,91762	20	
	50	9,55722,51320	5,44284	9,96972,17282	81451	9,58750,34038	6,25735	10,41249,65962	10	
9	0	9,55727,95604	5,44206	9,96971,35831	81462	9,58756,59773	6,25668	10,41243,40227	0	51
	10	9,55733,39810	5,44125	9,96970,54369	81474	9,58762,85441	6,25599	10,41237,14559	50	
	20	9,55738,83935	5,44047	9,96969,72895	81486	9,58769,11040	6,25533	10,41230,88960	40	
	30	9,55744,27982	5,43970	9,96968,91409	81498	9,58775,36573	6,25468	10,41224,63427	30	
	40	9,55749,71952	5,43891	9,96968,09911	81509	9,58781,62041	6,25400	10,41218,37959	20	
	50	9,55755,15843	5,43812	9,96967,28402	81521	9,58787,87441	6,25333	10,41212,12559	10	
10	0	9,55760,59655	5,43735	9,96966,46881	81533	9,58794,12774	6,25268	10,41205,87226	0	50
		Sin. complem.		SINVVM		Tang. compl.		TANGEN	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	9,55760,59655		9,96966,46881		9,58794,12774		10,41205,87226	0	50
	10	9,55766,03390	5,43735	9,96965,65348	81533	9,58800,38042	6,25268	10,41199,61958	50	
	20	9,55771,47047	5,43657	9,96964,83804	81544	9,58806,63243	6,25201	10,41193,36757	40	
	30	9,55776,90622	5,43575	9,96964,02248	81556	9,58812,88374	6,25131	10,41187,11626	30	
	40	9,55782,34120	5,43498	9,96963,20680	81568	9,58819,13440	6,25066	10,41180,86560	20	
	50	9,55787,77542	5,43422	9,96962,39100	81580	9,58825,38442	6,25002	10,41174,61558	10	
11	0	9,55793,20886	5,43344	9,96961,57509	81591	9,58831,63377	6,24935	10,41168,36623	0	49
	10	9,55798,64152	5,43266	9,96960,75906	81603	9,58837,88246	6,24869	10,41162,11754	50	
	20	9,55804,07338	5,43186	9,96959,94291	81615	9,58844,13047	6,24801	10,41155,86953	40	
	30	9,55809,50446	5,43108	9,96959,12664	81627	9,58850,37782	6,24735	10,41149,62218	30	
	40	9,55814,93475	5,43029	9,96958,31026	81638	9,58856,62449	6,24667	10,41143,37551	20	
	50	9,55820,36428	5,42953	9,96957,49376	81650	9,58862,87052	6,24603	10,41137,12948	10	
12	0	9,55825,79303	5,42875	9,96956,67714	81662	9,58869,11589	6,24537	10,41130,88411	0	48
	10	9,55831,22100	5,42797	9,96955,86040	81674	9,58875,36060	6,24471	10,41124,63940	50	
	20	9,55836,64818	5,42718	9,96955,04355	81685	9,58881,60463	6,24403	10,41118,39537	40	
	30	9,55842,07458	5,42640	9,96954,22658	81697	9,58887,84800	6,24337	10,41112,15200	30	
	40	9,55847,50020	5,42562	9,96953,40949	81709	9,58894,09071	6,24271	10,41105,90929	20	
	50	9,55852,92504	5,42484	9,96952,59228	81721	9,58900,33276	6,24205	10,41099,66724	10	
13	0	9,55858,34910	5,42406	9,96951,77496	81732	9,58906,57414	6,24138	10,41093,42586	0	47
	10	9,55863,77239	5,42329	9,96950,95752	81744	9,58912,81487	6,24073	10,41087,18513	50	
	20	9,55869,19490	5,42251	9,96950,13996	81756	9,58919,05494	6,24007	10,41080,94506	40	
	30	9,55874,61662	5,42172	9,96949,32229	81767	9,58925,29433	6,23939	10.41074,70567	30	
	40	9,55880,03755	5,42093	9,96948,50450	81779	9,58931,53305	6,23872	10,41068,46695	20	
	50	9,55885,45771	5,42016	9,96947,68659	81791	9,58937,77112	6,23807	10,41062,22888	10	
14	0	9,55890,87711	5,41940	9,96946,86856	81803	9,58944,00855	6,23743	10,41055,99145	0	46
	10	9,55896,29573	5,41862	9,96946,05041	81815	9,58950,24532	6,23677	10,41049,75468	50	
	20	9,55901,71356	5,41783	9,96945,23215	81826	9,58956,48141	6,23609	10,41043,51859	40	
	30	9,55907,13060	5,41704	9,96944,41377	81838	9,58962,71683	6,23542	10,41037,28317	30	
	40	9,55912,54688	5,41628	9,96943,59527	81850	9,58968,95161	6,23478	10,41031,04839	20	
	50	9,55917,96239	5,41551	9,96942,77665	81862	9,58975,18574	6,23413	10,41024,81426	10	
15	0	9,55923,37711	5,41472	9,96941,95792	81873	9,58981,41919	6,23345	10,41018,58081	0	45
	10	9,55928,79104	5,41393	9,96941,13907	81885	9,58987,65197	6,23278	10,41012,34803	50	
	20	9,55934,20421	5,41317	9,96940,32010	81897	9,58993,88411	6,23214	10,41006,11589	40	
	30	9,55939,61660	5,41239	9,96939,50102	81908	9,59000,11558	6,23147	10,40999,88442	30	
	40	9,55945,02823	5,41163	9,96938,68182	81920	9,59006,34641	6,23083	10,40993,65359	20	
	50	9,55950,43907	5,41084	9,96937,86250	81932	9,59012,57657	6,23016	10,40987,42343	10	
16	0	9,55955,84912	5,41005	9,96937,04306	81944	9,59018,80606	6,22949	10,40981,19394	0	44
	10	9,55961,25841	5,40929	9,96936,22350	81956	9,59025,03491	6,22885	10,40974,96509	50	
	20	9,55966,66693	5,40852	9,96935,40383	81967	9,59031,26310	6,22819	10,40968,73690	40	
	30	9,55972,07466	5,40773	9,96934,58404	81979	9,59037,49062	6,22752	10,40962,50938	30	
	40	9,55977,48163	5,40697	9,96933,76413	81991	9,59043,71750	6,22688	10,40956,28250	20	
	50	9,55982,88781	5,40618	9,96932,94410	82003	9,59049,94371	6,22621	10,40950,05629	10	
17	0	9,55988,29321	5,40540	9,96932,12396	82014	9,59056,16925	6,22554	10,40943,83075	0	43
	10	9,55993,69784	5,40463	9,96931,30370	82026	9,59062,39414	6,22489	10,40937,60586	50	
	20	9,55999,10171	5,40387	9,96930,48332	82038	9,59068,61839	6,22425	10,40931,38161	40	
	30	9,56004,50480	5,40309	9,96929,66282	82050	9,59074,84198	6,22359	10,40925,15802	30	
	40	9,56009,90711	5,40231	9,96928,84221	82061	9,59081,06490	6,22292	10,40918,93510	20	
	50	9,56015,30864	5,40153	9,96928,02148	82073	9,59087,28716	6,22226	10,40912,71284	10	
18	0	9,56020,70940	5,40076	9,96927,20063	82085	9,59093,50877	6,22161	10,40906,49123	0	42
	10	9,56026,10939	5,39999	9,96926,37966	82097	9,59099,72973	6,22096	10,40900,27027	50	
	20	9,56031,50861	5,39922	9,96925,55858	82108	9,59105,95003	6,22030	10,40894,04997	40	
	30	9,56036,90705	5,39844	9,96924,73738	82120	9,59112,16967	6,21964	10,40887,83033	30	
	40	9,56042,30473	5,39768	9,96923,91606	82132	9,59118,38867	6,21900	10,40881,61133	20	
	50	9,56047,70163	5,39690	9,96923,09462	82144	9,59124,60701	6,21834	10,40875,39299	10	
19	0	9,56053,09775	5,39612	9,96922,27307	82155	9,59130,82468	6,21767	10,40869,17532	0	41
	10	9,56058,49309	5,39534	9,96921,45140	82167	9,59137,04169	6,21701	10,40862,95831	50	
	20	9,56063,88767	5,39458	9,96920,62961	82179	9,59143,25806	6,21637	10,40856,74194	40	
	30	9,56069,28149	5,39382	9,96919,80770	82191	9,59149,47379	6,21573	10,40850,52621	30	
	40	9,56074,67452	5,39303	9,96918,98568	82202	9,59155,68884	6,21505	10,40844,31116	20	
	50	9,56080,06678	5,39226	9,96918,16354	82214	9,59161,90324	6,21440	10,40838,09676	10	
20	0	9,56085,45828	5,39150	9,96917,34128	82226	9,59168,11700	6,21376	10,40831,88300	0	40
		Sin. comple.	5,39072	SINVVM	82238	Tang.compl	6,21310	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
20	0	9,56085,45828		9,96917,34128		9,59168,11700		10,40831,88300	0	40
	10	9,56090,84900	5,39072	9,96916,51890	82238	9,59174,33010	6,21310	10,40825,66990	50	
	20	9,56096,23894	5,38994	9,96915,69641	82249	9,59180,54253	6,21243	10,40819,45747	40	
	30	9,56101,62813	5,38919	9,96914,87380	82261	9,59186,75433	6,21180	10,40813,24567	30	
	40	9,56107,01654	5,38841	9,96914,05107	82273	9,59192,96547	6,21114	10,40807,03453	20	
	50	9,56112,40418	5,38764	9,96913,22822	82285	9,59199,17596	6,21049	10,40800,82404	10	
21	0	9,56117,79105	5,38687	9,96912,40525	82297	9,59205,38580	6,20984	10,40794,61420	0	39
	10	9,56123,17713	5,38608	9,96911,58217	82308	9,59211,59496	6,20916	10,40788,40504	50	
	20	9,56128,56246	5,38533	9,96910,75897	82320	9,59217,80349	6,20853	10,40782,19651	40	
	30	9,56133,94702	5,38456	9,96909,93565	82332	9,59224,01137	6,20788	10,40775,98863	30	
	40	9,56139,33082	5,38380	9,96909,11221	82344	9,59230,21861	6,20724	10,40769,78139	20	
	50	9,56144,71385	5,38303	9,96908,28865	82356	9,59236,42520	6,20659	10,40763,57480	10	
22	0	9,56150,09610	5,38225	9,96907,46498	82367	9,59242,63112	6,20592	10,40757,36888	0	38
	10	9,56155,47758	5,38148	9,96906,64119	82379	9,59248,83639	6,20527	10,40751,16361	50	
	20	9,56160,85829	5,38071	9,96905,81728	82391	9,59255,04101	6,20462	10,40744,95899	40	
	30	9,56166,23825	5,37996	9,96904,99325	82403	9,59261,24500	6,20399	10,40738,75500	30	
	40	9,56171,61743	5,37918	9,96904,16911	82414	9,59267,44832	6,20332	10,40732,55168	20	
	50	9,56176,99584	5,37841	9,96903,34485	82426	9,59273,65099	6,20267	10,40726,34901	10	
23	0	9,56182,37347	5,37763	9,96902,52047	82438	9,59279,85300	6,20201	10,40720,14700	0	37
	10	9,56187,75034	5,37687	9,96901,69597	82450	9,59286,05437	6,20137	10,40713,94563	50	
	20	9,56193,12645	5,37611	9,96900,87135	82462	9,59292,25510	6,20073	10,40707,74490	40	
	30	9,56198,50178	5,37533	9,96900,04662	82473	9,59298,45516	6,20006	10,40701,54484	30	
	40	9,56203,87635	5,37457	9,96899,22177	82485	9,59304,65458	6,19942	10,40695,34542	20	
	50	9,56209,25016	5,37381	9,96898,39680	82497	9,59310,85336	6,19878	10,40689,14664	10	
24	0	9,56214,62318	5,37302	9,96897,57172	82508	9,59317,05146	6,19810	10,40682,94854	0	36
	10	9,56219,99543	5,37225	9,96896,74652	82520	9,59323,24891	6,19745	10,40676,75109	50	
	20	9,56225,36693	5,37150	9,96895,92120	82532	9,59329,44573	6,19682	10,40670,55427	40	
	30	9,56230,73768	5,37075	9,96895,09576	82544	9,59335,64192	6,19619	10,40664,35808	30	
	40	9,56236,10766	5,36998	9,96894,27020	82556	9,59341,83746	6,19554	10,40658,16254	20	
	50	9,56241,47686	5,36920	9,96893,44453	82567	9,59348,03233	6,19487	10,40651,96767	10	
25	0	9,56246,84529	5,36843	9,96892,61874	82579	9,59354,22655	6,19422	10,40645,77345	0	35
	10	9,56252,21296	5,36767	9,96891,79283	82591	9,59360,42013	6,19358	10,40639,57987	50	
	20	9,56257,57986	5,36690	9,96890,96680	82603	9,59366,61306	6,19293	10,40633,38694	40	
	30	9,56262,94601	5,36615	9,96890,14066	82614	9,59372,80535	6,19229	10,40627,19465	30	
	40	9,56268,31140	5,36539	9,96889,31440	82626	9,59378,99700	6,19165	10,40621,00300	20	
	50	9,56273,67601	5,36461	9,96888,48802	82638	9,59385,18799	6,19099	10,40614,81201	10	
26	0	9,56279,03985	5,36384	9,96887,66152	82650	9,59391,37833	6,19034	10,40608,62167	0	34
	10	9,56284,40293	5,36308	9,96886,83491	82661	9,59397,56802	6,18969	10,40602,43198	50	
	20	9,56289,76524	5,36231	9,96886,00818	82673	9,59403,75706	6,18904	10,40596,24294	40	
	30	9,56295,12678	5,36154	9,96885,18133	82685	9,59409,94545	6,18839	10,40590,05455	30	
	40	9,56300,48756	5,36078	9,96884,35436	82697	9,59416,13320	6,18775	10,40583,86680	20	
	50	9,56305,84758	5,36002	9,96883,52727	82709	9,59422,32031	6,18711	10,40577,67969	10	
27	0	9,56311,20686	5,35928	9,96882,70006	82721	9,59428,50680	6,18649	10,40571,49320	0	33
	10	9,56316,56538	5,35852	9,96881,87274	82732	9,59434,69264	6,18584	10,40565,30736	50	
	20	9,56321,92312	5,35774	9,96881,04530	82744	9,59440,87782	6,18518	10,40559,12218	40	
	30	9,56327,28008	5,35696	9,96880,21774	82756	9,59447,06234	6,18452	10,40552,93766	30	
	40	9,56332,63627	5,35619	9,96879,39006	82768	9,59453,24621	6,18387	10,40546,75379	20	
	50	9,56337,99172	5,35545	9,96878,56226	82780	9,59459,42946	6,18325	10,40540,57054	10	
28	0	9,56343,34642	5,35470	9,96877,73435	82791	9,59465,61207	6,18261	10,40534,38793	0	32
	10	9,56348,70035	5,35393	9,96876,90632	82803	9,59471,79403	6,18196	10,40528,20597	50	
	20	9,56354,05352	5,35317	9,96876,07817	82815	9,59477,97535	6,18132	10,40522,02465	40	
	30	9,56359,40592	5,35240	9,96875,24990	82827	9,59484,15602	6,18067	10,40515,84398	30	
	40	9,56364,75757	5,35165	9,96874,42152	82838	9,59490,33605	6,18003	10,40509,66395	20	
	50	9,56370,10844	5,35087	9,96873,59302	82850	9,59496,51542	6,17937	10,40503,48458	10	
29	0	9,56375,45854	5,35010	9,96872,76440	82862	9,59502,69414	6,17872	10,40497,30586	0	31
	10	9,56380,80789	5,34935	9,96871,93566	82874	9,59508,87223	6,17809	10,40491,12777	50	
	20	9,56386,15649	5,34860	9,96871,10681	82885	9,59515,04968	6,17745	10,40484,95032	40	
	30	9,56391,50432	5,34783	9,96870,27784	82897	9,59521,22648	6,17680	10,40478,77352	30	
	40	9,56396,85139	5,34707	9,96869,44875	82909	9,59527,40264	6,17616	10,40472,59736	20	
	50	9,56402,19770	5,34631	9,96868,61954	82921	9,59533,57816	6,17552	10,40466,42184	10	
30	0	9,56407,54325	5,34555	9,96867,79021	82933	9,59539,75304	6,17488	10,40460,24696	0	30
		Sin. comple.	5,34478	SINVVM	82944	Tang.compl	6,17422	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,56407,54325	5,34478	9,96867,79021	82944	9,59539,75304	6,17422	10,40460,24696	0	30
	10	9,56412,88803	5,34404	9,96866,96077	82956	9,59545,92726	6,17360	10,40454,07274	50	
	20	9,56418,23207	5,34327	9,96866,13121	82968	9,59552,10086	6,17295	10,40447,89914	40	
	30	9,56423,57534	5,34251	9,96865,30153	82980	9,59558,27381	6,17231	10,40441,72619	30	
	40	9,56428,91785	5,34175	9,96864,47173	82992	9,59564,44612	6,17167	10,40435,55388	20	
	50	9,56434,25960	5,34100	9,96863,64181	83004	9,59570,61779	6,17104	10,40429,38221	10	
31	0	9,56439,60060	5,34023	9,96862,81177	83015	9,59576,78883	6,17038	10,40423,21117	0	29
	10	9,56444,94083	5,33948	9,96861,98162	83027	9,59582,95921	6,16975	10,40417,04079	50	
	20	9,56450,28031	5,33873	9,96861,15135	83039	9,59589,12896	6,16912	10,40410,87104	40	
	30	9,56455,61904	5,33796	9,96860,32096	83051	9,59595,29808	6,16847	10,40404,70192	30	
	40	9,56460,95700	5,33720	9,96859,49045	83063	9,59601,46655	6,16783	10,40398,53345	20	
	50	9,56466,29420	5,33645	9,96858,65982	83074	9,59607,63438	6,16719	10,40392,36562	10	
32	0	9,56471,63065	5,33568	9,96857,82908	83086	9,59613,80157	6,16654	10,40386,19843	0	28
	10	9,56476,96633	5,33493	9,96856,99822	83098	9,59619,96811	6,16591	10,40380,03189	50	
	20	9,56482,30126	5,33419	9,96856,16724	83110	9,59626,13402	6,16529	10,40373,86598	40	
	30	9,56487,63545	5,33342	9,96855,33614	83121	9,59632,29931	6,16463	10,40367,70069	30	
	40	9,56492,96887	5,33265	9,96854,50493	83133	9,59638,46394	6,16398	10,40361,53606	20	
	50	9,56498,30152	5,33190	9,96853,67360	83145	9,59644,62792	6,16335	10,40355,37208	10	
33	0	9,56503,63342	5,33115	9,96852,84215	83157	9,59650,79127	6,16272	10,40349,20873	0	27
	10	9,56508,96457	5,33039	9,96852,01058	83169	9,59656,95399	6,16208	10,40343,04601	50	
	20	9,56514,29496	5,32962	9,96851,17889	83180	9,59663,11607	6,16142	10,40336,88393	40	
	30	9,56519,62458	5,32886	9,96850,34709	83192	9,59669,27749	6,16078	10,40330,72251	30	
	40	9,56524,95344	5,32813	9,96849,51517	83204	9,59675,43827	6,16017	10,40324,56173	20	
	50	9,56530,28157	5,32736	9,96848,68313	83216	9,59681,59844	6,15952	10,40318,40156	10	
34	0	9,56535,60893	5,32662	9,96847,85097	83228	9,59687,75796	6,15890	10,40312,24204	0	26
	10	9,56540,93555	5,32585	9,96847,01869	83239	9,59693,91686	6,15824	10,40306,08314	50	
	20	9,56546,26140	5,32509	9,96846,18630	83251	9,59700,07510	6,15760	10,40299,92490	40	
	30	9,56551,58649	5,32434	9,96845,35379	83263	9,59706,23270	6,15697	10,40293,76730	30	
	40	9,56556,91083	5,32360	9,96844,52116	83275	9,59712,38967	6,15635	10,40287,61033	20	
	50	9,56562,23443	5,32283	9,96843,68841	83287	9,59718,54602	6,15570	10,40281,45398	10	
35	0	9,56567,55726	5,32206	9,96842,85554	83298	9,59724,70172	6,15504	10,40275,29828	0	25
	10	9,56572,87932	5,32133	9,96842,02256	83310	9,59730,85676	6,15443	10,40269,14324	50	
	20	9,56578,20065	5,32058	9,96841,18946	83322	9,59737,01119	6,15380	10,40262,98881	40	
	30	9,56583,52123	5,31984	9,96840,35624	83334	9,59743,16499	6,15318	10,40256,83501	30	
	40	9,56588,84107	5,31906	9,96839,52290	83346	9,59749,31817	6,15252	10,40250,68183	20	
	50	9,56594,16013	5,31831	9,96838,68944	83358	9,59755,47069	6,15189	10,40244,52931	10	
36	0	9,56599,47844	5,31754	9,96837,85586	83369	9,59761,62258	6,15123	10,40238,37742	0	24
	10	9,56604,79598	5,31681	9,96837,02217	83381	9,59767,77381	6,15062	10,40232,22619	50	
	20	9,56610,11279	5,31606	9,96836,18836	83393	9,59773,92443	6,14999	10,40226,07557	40	
	30	9,56615,42885	5,31531	9,96835,35443	83405	9,59780,07442	6,14936	10,40219,92558	30	
	40	9,56620,74416	5,31455	9,96834,52038	83417	9,59786,22378	6,14872	10,40213,77622	20	
	50	9,56626,05871	5,31379	9,96833,68621	83428	9,59792,37250	6,14807	10,40207,62750	10	
37	0	9,56631,37250	5,31303	9,96832,85193	83440	9,59798,52057	6,14743	10,40201,47943	0	23
	10	9,56636,68553	5,31228	9,96832,01753	83452	9,59804,66800	6,14680	10,40195,33200	50	
	20	9,56641,99781	5,31155	9,96831,18301	83464	9,59810,81480	6,14619	10,40189,18520	40	
	30	9,56647,30936	5,31079	9,96830,34837	83476	9,59816,96099	6,14555	10,40183,03901	30	
	40	9,56652,62015	5,31003	9,96829,51361	83487	9,59823,10654	6,14490	10,40176,89346	20	
	50	9,56657,93018	5,30928	9,96828,67874	83499	9,59829,25144	6,14427	10,40170,74856	10	
38	0	9,56663,23946	5,30853	9,96827,84375	83511	9,59835,39571	6,14364	10,40164,60429	0	22
	10	9,56668,54799	5,30778	9,96827,00864	83523	9,59841,53935	6,14301	10,40158,46065	50	
	20	9,56673,85577	5,30704	9,96826,17341	83535	9,59847,68236	6,14239	10,40152,31764	40	
	30	9,56679,16281	5,30628	9,96825,33806	83546	9,59853,82475	6,14174	10,40146,17525	30	
	40	9,56684,46909	5,30553	9,96824,50260	83558	9,59859,96649	6,14111	10,40140,03351	20	
	50	9,56689,77462	5,30478	9,96823,66702	83570	9,59866,10760	6,14048	10,40133,89240	10	
39	0	9,56695,07940	5,30404	9,96822,83132	83582	9,59872,24808	6,13986	10,40127,75192	0	21
	10	9,56700,38344	5,30327	9,96821,99550	83594	9,59878,38794	6,13921	10,40121,61206	50	
	20	9,56705,68671	5,30254	9,96821,15956	83606	9,59884,52715	6,13860	10,40115,47285	40	
	30	9,56710,98925	5,30177	9,96820,32350	83617	9,59890,66575	6,13794	10,40109,33425	30	
	40	9,56716,29102	5,30103	9,96819,48733	83629	9,59896,80369	6,13732	10,40103,19631	20	
	50	9,56721,59205	5,30028	9,96818,65104	83641	9,59902,94101	6,13669	10,40097,05899	10	
40	0	9,56726,89233	5,29954	9,96817,81463	83653	9,59909,07770	6,13607	10,40090,92230	0	20
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,56726,89233	5,29954	9,96817,81463	83653	9,59909,07770	6,13607	10,40090,92230	0	20
	10	9,56732,19187	5,29879	9,96816,97810	83665	9,59915,21377	6,13544	10,40084,78623	50	
	20	9,56737,49066	5,29804	9,96816,14145	83676	9,59921,34921	6,13480	10,40078,65079	40	
	30	9,56742,78870	5,29730	9,96815,30469	83688	9,59927,48401	6,13418	10,40072,51599	30	
	40	9,56748,08600	5,29654	9,96814,46781	83700	9,59933,61819	6,13354	10,40066,28181	20	
	50	9,56753,38254	5,29578	9,96813,63081	83712	9,59939,75173	6,13290	10,40060,24827	10	
41	0	9,56758,67832	5,29505	9,96812,79369	83724	9,59945,88463	6,13229	10,40054,11537	0	19
	10	9,56763,97337	5,29430	9,96811,95645	83736	9,59952,01692	6,13166	10,40047,98308	50	
	20	9,56769,26767	5,29354	9,96811,11909	83747	9,59958,14858	6,13101	10,40041,85142	40	
	30	9,56774,56121	5,29279	9,96810,28162	83759	9,59964,27959	6,13038	10,40035,72041	30	
	40	9,56779,85400	5,29207	9,96809,44403	83771	9,59970,40997	6,12978	10,40029,59003	20	
	50	9,56785,14607	5,29131	9,96808,60632	83783	9,59976,53975	6,12914	10,40023,46025	10	
42	0	9,56790,43738	5,29058	9,96807,76849	83795	9,59982,66889	6,12853	10,40017,33111	0	18
	10	9,56795,72796	5,28983	9,96806,93054	83807	9,59988,79742	6,12790	10,40011,20258	50	
	20	9,56801,01779	5,28905	9,96806,09247	83818	9,59994,92532	6,12723	10,40005,07468	40	
	30	9,56806,30684	5,28833	9,96805,25429	83830	9,60001,05255	6,12663	10,39998,94745	30	
	40	9,56811,59517	5,28757	9,96804,41599	83842	9,60007,17918	6,12599	10,39992,82082	20	
	50	9,56816,88274	5,28682	9,96803,57757	83854	9,60013,30517	6,12536	10,39986,69483	10	
43	0	9,56822,16956	5,28609	9,96802,73903	83866	9,60019,43053	6,12475	10,39980,56947	0	17
	10	9,56827,45565	5,28533	9,96801,90037	83877	9,60025,55528	6,12410	10,39974,44472	50	
	20	9,56832,74098	5,28460	9,96801,06160	83889	9,60031,67938	6,12349	10,39968,32062	40	
	30	9,56838,02558	5,28385	9,96800,22271	83901	9,60037,80287	6,12286	10,39962,19713	30	
	40	9,56843,30943	5,28310	9,96799,38370	83913	9,60043,92573	6,12223	10,39956,07427	20	
	50	9,56848,59253	5,28237	9,96798,54457	83925	9,60050,04796	6,12162	10,39949,95204	10	
44	0	9,56853,87490	5,28163	9,96797,70532	83937	9,60056,16958	6,12100	10,39943,83042	0	16
	10	9,56859,15653	5,28086	9,96796,86595	83948	9,60062,29058	6,12034	10,39937,70942	50	
	20	9,56864,43739	5,28013	9,96796,02647	83960	9,60068,41092	6,11973	10,39931,58908	40	
	30	9,56869,71752	5,27938	9,96795,18687	83972	9,60074,53065	6,11910	10,39925,46935	30	
	40	9,56874,99690	5,27864	9,96794,34715	83984	9,60080,64975	6,11848	10,39919,35025	20	
	50	9,56880,27554	5,27790	9,96793,50731	83996	9,60086,76823	6,11786	10,39913,23177	10	
45	0	9,56885,55344	5,27715	9,96792,66735	84008	9,60092,88609	6,11723	10,39907,11391	0	15
	10	9,56890,83059	5,27641	9,96791,82727	84019	9,60099,00332	6,11660	10,39900,99668	50	
	20	9,56896,10700	5,27567	9,96790,98708	84031	9,60105,11992	6,11598	10,39894,88008	40	
	30	9,56901,38267	5,27493	9,96790,14677	84043	9,60111,23590	6,11536	10,39888,76410	30	
	40	9,56906,65760	5,27418	9,96789,30634	84055	9,60117,35126	6,11473	10,39882,64874	20	
	50	9,56911,93178	5,27344	9,96788,46579	84067	9,60123,46599	6,11411	10,39876,53401	10	
46	0	9,56917,20522	5,27270	9,96787,62512	84079	9,60129,58010	6,11349	10,39870,41990	0	14
	10	9,56922,47792	5,27196	9,96786,78433	84091	9,60135,69359	6,11287	10,39864,30641	50	
	20	9,56927,74988	5,27121	9,96785,94342	84102	9,60141,80646	6,11223	10,39858,19354	40	
	30	9,56933,02109	5,27047	9,96785,10240	84114	9,60147,91869	6,11161	10,39852,08131	30	
	40	9,56938,29156	5,26974	9,96784,26126	84126	9,60154,03030	6,11100	10,39845,96970	20	
	50	9,56943,56130	5,26898	9,96783,42000	84138	9,60160,14130	6,11036	10,39839,85870	10	
47	0	9,56948,83028	5,26824	9,96782,57862	84150	9,60166,25166	6,10974	10,39833,74834	0	13
	10	9,56954,09852	5,26749	9,96781,73712	84161	9,60172,36140	6,10910	10,39827,63860	50	
	20	9,56959,36601	5,26676	9,96780,89551	84173	9,60178,47050	6,10849	10,39821,52950	40	
	30	9,56964,63277	5,26602	9,96780,05378	84185	9,60184,57899	6,10787	10,39815,42101	30	
	40	9,56969,89879	5,26529	9,96779,21193	84197	9,60190,68686	6,10726	10,39809,31314	20	
	50	9,56975,16408	5,26456	9,96778,36996	84209	9,60196,79412	6,10665	10,39803,20588	10	
48	0	9,56980,42864	5,26382	9,96777,52787	84221	9,60202,90077	6,10603	10,39797,09923	0	12
	10	9,56985,69246	5,26306	9,96776,68566	84233	9,60209,00680	6,10539	10,39790,99320	50	
	20	9,56990,95552	5,26231	9,96775,84333	84244	9,60215,11219	6,10475	10,39784,88781	40	
	30	9,56996,21783	5,26158	9,96775,00089	84256	9,60221,21694	6,10414	10,39778,78306	30	
	40	9,57001,47941	5,26084	9,96774,15833	84268	9,60227,32108	6,10352	10,39772,67892	20	
	50	9,57006,74025	5,26012	9,96773,31565	84280	9,60233,42460	6,10292	10,39766,57540	10	
49	0	9,57012,00037	5,25938	9,96772,47285	84292	9,60239,52752	6,10230	10,39760,47248	0	11
	10	9,57017,25975	5,25862	9,96771,62993	84304	9,60245,62982	6,10166	10,39754,37018	50	
	20	9,57022,51837	5,25788	9,96770,78689	84315	9,60251,73148	6,10103	10,39748,26852	40	
	30	9,57027,77625	5,25714	9,96769,94374	84327	9,60257,83251	6,10041	10,39742,16749	30	
	40	9,57033,03339	5,25641	9,96769,10047	84339	9,60263,93292	6,09980	10,39736,06708	20	
	50	9,57038,28980	5,25568	9,96768,25708	84351	9,60270,03272	6,09919	10,39729,96728	10	
50	0	9,57043,54548	5,25494	9,96767,41357	84363	9,60276,13191	6,09857	10,39723,86809	0	10
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.	S	M
50	0	9,57043,54548		9,96767,41357		9,60276,13191		10,39723,86809	0	10
	10	9,57048,80042	5,25494	9,96766,56994	84363	9,60282,23048	6,09857	10,39717,76952	50	
	20	9,57054,05462	5,25420	9,96765,72619	84375	9,60288,32843	6,09795	10,39711,67157	40	
	30	9,57059,30808	5,25346	9,96764,88233	84386	9,60294,42575	6,09732	10,39705,57425	30	
	40	9,57064,56079	5,25271	9,96764,03835	84398	9,60300,52244	6,09669	10,39699,47756	20	
	50	9,57069,81278	5,25199	9,96763,19425	84410	9,60306,61853	6,09609	10,39693,38147	10	
51	0	9,57075,06402	5,25124	9,96762,35003	84422	9,60312,71399	6,09546	10,39687,28601	0	9
	10	9,57080,31454	5,25052	9,96761,50569	84434	9,60318,80885	6,09486	10,39681,19115	50	
	20	9,57085,56432	5,24978	9,96760,66123	84446	9,60324,90309	6,09424	10,39675,09691	40	
	30	9,57090,81335	5,24903	9,96759,81665	84458	9,60330,99670	6,09361	10,39669,00330	30	
	40	9,57096,06164	5,24829	9,96758,97196	84469	9,60337,08968	6,09298	10,39662,91032	20	
	50	9,57101,30921	5,24757	9,96758,12715	84481	9,60343,18206	6,09238	10,39656,81794	10	
52	0	9,57106,55604	5,24683	9,96757,28222	84493	9,60349,27382	6,09176	10,39650,72618	0	8
	10	9,57111,80214	5,24610	9,96756,43717	84505	9,60355,36497	6,09115	10,39644,63503	50	
	20	9,57117,04749	5,24535	9,96755,59200	84517	9,60361,45549	6,09052	10,39638,54451	40	
	30	9,57122,29211	5,24462	9,96754,74671	84529	9,60367,54540	6,08991	10,39632,45460	30	
	40	9,57127,53599	5,24388	9,96753,90130	84541	9,60373,63469	6,08929	10,39626,36531	20	
	50	9,57132,77914	5,24315	9,96753,05578	84552	9,60379,72336	6,08867	10,39620,27664	10	
53	0	9,57138,02156	5,24242	9,96752,21014	84564	9,60385,81142	6,08806	10,39614,18858	0	7
	10	9,57143,26324	5,24168	9,96751,36438	84576	9,60391,89886	6,08744	10,39608,10114	50	
	20	9,57148,50418	5,24094	9,96750,51850	84588	9,60397,98568	6,08682	10,39602,01432	40	
	30	9,57153,74440	5,24022	9,96749,67250	84600	9,60404,07190	6,08622	10,39595,92810	30	
	40	9,57158,98389	5,23949	9,96748,82638	84612	9,60410,15751	6,08561	10,39589,84249	20	
	50	9,57164,22264	5,23875	9,96747,98014	84624	9,60416,24250	6,08499	10,39583,75750	10	
54	0	9,57169,46065	5,23801	9,96747,13379	84635	9,60422,32686	6,08436	10,39577,67314	0	6
	10	9,57174,69791	5,23726	9,96746,28732	84647	9,60428,41059	6,08373	10,39571,58941	50	
	20	9,57179,93445	5,23654	9,96745,44073	84659	9,60434,49372	6,08313	10,39565,50628	40	
	30	9,57185,17027	5,23582	9,96744,59402	84671	9,60440,57625	6,08253	10,39559,42375	30	
	40	9,57190,40534	5,23507	9,96743,74719	84683	9,60446,65815	6,08190	10,39553,34185	20	
	50	9,57195,63969	5,23435	9,96742,90024	84695	9,60452,73945	6,08130	10,39547,26055	10	
55	0	9,57200,87330	5,23361	9,96742,05318	84706	9,60458,82012	6,08067	10,39541,17988	0	5
	10	9,57206,10618	5,23288	9,96741,20600	84718	9,60464,90018	6,08006	10,39535,09982	50	
	20	9,57211,33832	5,23214	9,96740,35870	84730	9,60470,97962	6,07944	10,39529,02038	40	
	30	9,57216,56973	5,23141	9,96739,51128	84742	9,60477,05845	6,07883	10,39522,94155	30	
	40	9,57221,80041	5,23068	9,96738,66374	84754	9,60483,13667	6,07822	10,39516,86333	20	
	50	9,57227,03036	5,22995	9,96737,81608	84766	9,60489,21428	6,07761	10,39510,78572	10	
56	0	9,57232,25957	5,22921	9,96736,96830	84778	9,60495,29127	6,07699	10,39504,70873	0	4
	10	9,57237,48806	5,22849	9,96736,12040	84790	9,60501,36766	6,07639	10,39498,63234	50	
	20	9,57242,71582	5,22776	9,96735,27238	84802	9,60507,44344	6,07578	10,39492,55656	40	
	30	9,57247,94284	5,22702	9,96734,42425	84813	9,60513,51859	6,07515	10,39486,48141	30	
	40	9,57253,16911	5,22627	9,96733,57600	84825	9,60519,59311	6,07452	10,39480,40689	20	
	50	9,57258,39468	5,22557	9,96732,72763	84837	9,60525,66705	6,07394	10,39474,33295	10	
57	0	9,57263,61952	5,22484	9,96731,87914	84849	9,60531,74038	6,07333	10,39468,25962	0	3
	10	9,57268,84363	5,22411	9,96731,03053	84861	9,60537,81310	6,07272	10,39462,18690	50	
	20	9,57274,06699	5,22336	9,96730,18180	84873	9,60543,88519	6,07209	10,39456,11481	40	
	30	9,57279,28963	5,22264	9,96729,33296	84884	9,60549,95667	6,07148	10,39450,04333	30	
	40	9,57284,51152	5,22189	9,96728,48400	84896	9,60556,02752	6,07085	10,39443,97248	20	
	50	9,57289,73270	5,22118	9,96727,63492	84908	9,60562,09778	6,07026	10,39437,90222	10	
58	0	9,57294,95316	5,22046	9,96726,78572	84920	9,60568,16744	6,06966	10,39431,83256	0	2
	10	9,57300,17289	5,21973	9,96725,93640	84932	9,60574,23649	6,06905	10,39425,76351	50	
	20	9,57305,39188	5,21899	9,96725,08696	84944	9,60580,30492	6,06843	10,39419,69508	40	
	30	9,57310,61014	5,21826	9,96724,23740	84956	9,60586,37274	6,06782	10,39413,62726	30	
	40	9,57315,82767	5,21753	9,96723,38772	84968	9,60592,43995	6,06721	10,39407,56005	20	
	50	9,57321,04447	5,21680	9,96722,53793	84979	9,60598,50654	6,06659	10,39401,49346	10	
59	0	9,57326,26055	5,21608	9,96721,68802	84991	9,60604,57253	6,06599	10,39395,42747	0	1
	10	9,57331,47589	5,21534	9,96720,83800	85002	9,60610,63789	6,06536	10,39389,36211	50	
	20	9,57336,69051	5,21462	9,96719,98785	85015	9,60616,70266	6,06477	10,39383,29734	40	
	30	9,57341,90439	5,21388	9,96719,13758	85027	9,60622,76681	6,06415	10,39377,23319	30	
	40	9,57347,11755	5,21316	9,96718,28719	85039	9,60628,83036	6,06355	10,39371,16964	20	
	50	9,57352,32998	5,21243	9,96717,43668	85051	9,60634,89330	6,06294	10,39365,10670	10	
60	0	9,57357,54170	5,21172	9,96716,58605	85063	9,60640,95565	6,06235	10,39359,04435	0	0
			5,21097		85075		6,06172			
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,57357,54170	5,21097	9,96716,58605	85075	9,60640,95565	6,06172	10,39359,04435	0	60
	10	9,57362,75267	5,21025	9,96715,73530	85086	9,60647,01737	6,06111	10,39352,98263	50	
	20	9,57367,96292	5,20954	9,96714,88444	85098	9,60653,07848	6,06052	10,39346,92152	40	
	30	9,57373,17246	5,20880	9,96714,03346	85110	9,60659,13900	6,05990	10,39340,86100	30	
	40	9,57378,38126	5,20808	9,96713,18236	85122	9,60665,19890	6,05930	10,39334,80110	20	
	50	9,57383,58934	5,20734	9,96712,33114	85134	9,60671,25820	6,05868	10,39328,74180	10	
1	0	9,57388,79668	5,20662	9,96711,47980	85146	9,60677,31688	6,05808	10,39322,68312	0	59
	10	9,57394,00330	5,20590	9,96710,62834	85158	9,60683,37496	6,05748	10,39316,62504	50	
	20	9,57399,20920	5,20515	9,96709,77676	85169	9,60689,43244	6,05684	10,39310,56756	40	
	30	9,57404,41435	5,20443	9,96708,92507	85181	9,60695,48928	6,05624	10,39304,51072	30	
	40	9,57409,61878	5,20370	9,96708,07326	85193	9,60701,54552	6,05563	10,39298,45448	20	
	50	9,57414,82248	5,20300	9,96707,22133	85205	9,60707,60115	6,05505	10,39292,39885	10	
2	0	9,57420,02548	5,20226	9,96706,36928	85217	9,60713,65620	6,05443	10,39286,34380	0	58
	10	9,57425,22774	5,20154	9,96705,51711	85229	9,60719,71063	6,05383	10,39280,28937	50	
	20	9,57430,42928	5,20083	9,96704,66482	85241	9,60725,76446	6,05324	10,39274,23554	40	
	30	9,57435,63011	5,20009	9,96703,81241	85253	9,60731,81770	6,05262	10,39268,18230	30	
	40	9,57440,83020	5,19936	9,96702,95988	85264	9,60737,87032	6,05200	10,39262,12968	20	
	50	9,57446,02956	5,19864	9,96702,10724	85276	9,60743,92232	6,05140	10,39256,07768	10	
3	0	9,57451,22820	5,19791	9,96701,25448	85288	9,60749,97372	6,05079	10,39250,02628	0	57
	10	9,57456,42611	5,19718	9,96700,40160	85300	9,60756,02451	6,05018	10,39243,97549	50	
	20	9,57461,62329	5,19647	9,96699,54860	85312	9,60762,07469	6,04959	10,39237,92531	40	
	30	9,57466,81976	5,19575	9,96698,69548	85324	9,60768,12428	6,04899	10,39231,87572	30	
	40	9,57472,01551	5,19502	9,96697,84224	85336	9,60774,17327	6,04838	10,39225,82673	20	
	50	9,57477,21053	5,19430	9,96696,98888	85348	9,60780,22165	6,04778	10,39219,77835	10	
4	0	9,57482,40483	5,19358	9,96696,13540	85360	9,60786,26943	6,04718	10,39213,73057	0	56
	10	9,57487,59841	5,19285	9,96695,28180	85372	9,60792,31661	6,04657	10,39207,68339	50	
	20	9,57492,79126	5,19213	9,96694,42808	85383	9,60798,36318	6,04596	10,39201,63682	40	
	30	9,57497,98339	5,19139	9,96693,57425	85395	9,60804,40914	6,04534	10,39195,59086	30	
	40	9,57503,17478	5,19068	9,96692,72030	85407	9,60810,45448	6,04475	10,39189,54552	20	
	50	9,57508,36546	5,18997	9,96691,86623	85419	9,60816,49923	6,04416	10,39183,50077	10	
5	0	9,57513,55543	5,18924	9,96691,01204	85431	9,60822,54339	6,04355	10,39177,45661	0	55
	10	9,57518,74467	5,18851	9,96690,15773	85443	9,60828,58694	6,04294	10,39171,41306	50	
	20	9,57523,93318	5,18780	9,96689,30330	85455	9,60834,62988	6,04235	10,39165,37012	40	
	30	9,57529,12098	5,18707	9,96688,44875	85466	9,60840,67223	6,04173	10,39159,32777	30	
	40	9,57534,30805	5,18634	9,96687,59409	85478	9,60846,71396	6,04112	10,39153,28604	20	
	50	9,57539,49439	5,18563	9,96686,73931	85490	9,60852,75508	6,04053	10,39147,24492	10	
6	0	9,57544,68002	5,18491	9,96685,88441	85502	9,60858,79561	6,03993	10,39141,20439	0	54
	10	9,57549,86493	5,18418	9,96685,02939	85514	9,60864,83554	6,03932	10,39135,16446	50	
	20	9,57555,04911	5,18346	9,96684,17425	85526	9,60870,87486	6,03872	10,39129,12514	40	
	30	9,57560,23257	5,18275	9,96683,31899	85538	9,60876,91358	6,03813	10,39123,08642	30	
	40	9,57565,41532	5,18203	9,96682,46361	85550	9,60882,95171	6,03753	10,39117,04829	20	
	50	9,57570,59735	5,18130	9,96681,60811	85562	9,60888,98924	6,03692	10,39111,01076	10	
7	0	9,57575,77865	5,18059	9,96680,75249	85574	9,60895,02616	6,03633	10,39104,97384	0	53
	10	9,57580,95924	5,17987	9,96679,89675	85586	9,60901,06249	6,03573	10,39098,93751	50	
	20	9,57586,13911	5,17914	9,96679,04089	85597	9,60907,09822	6,03511	10,39092,90178	40	
	30	9,57591,31825	5,17843	9,96678,18492	85609	9,60913,13333	6,03452	10,39086,86667	30	
	40	9,57596,49668	5,17771	9,96677,32883	85621	9,60919,16785	6,03392	10,39080,83215	20	
	50	9,57601,67439	5,17699	9,96676,47262	85633	9,60925,20177	6,03332	10,39074,79823	10	
8	0	9,57606,85138	5,17627	9,96675,61629	85645	9,60931,23509	6,03272	10,39068,76491	0	52
	10	9,57612,02765	5,17555	9,96674,75984	85657	9,60937,26781	6,03212	10,39062,73219	50	
	20	9,57617,20320	5,17482	9,96673,90327	85669	9,60943,29993	6,03151	10,39056,70007	40	
	30	9,57622,37802	5,17412	9,96673,04658	85681	9,60949,33144	6,03093	10,39050,66856	30	
	40	9,57627,55214	5,17338	9,96672,18977	85692	9,60955,36237	6,03030	10,39044,63763	20	
	50	9,57632,72552	5,17267	9,96671,33285	85704	9,60961,39267	6,02971	10,39038,60733	10	
9	0	9,57637,89819	5,17194	9,96670,47581	85716	9,60967,42238	6,02910	10,39032,57762	0	51
	10	9,57643,07013	5,17124	9,96669,61865	85728	9,60973,45148	6,02852	10,39026,54852	50	
	20	9,57648,24137	5,17053	9,96668,76137	85740	9,60979,48000	6,02793	10,39020,52000	40	
	30	9,57653,41190	5,16981	9,96667,90397	85752	9,60985,50793	6,02733	10,39014,49207	30	
	40	9,57658,58171	5,16908	9,96667,04645	85764	9,60991,53526	6,02672	10,39008,46474	20	
	50	9,57663,75079	5,16836	9,96666,18881	85776	9,60997,56198	6,02612	10,39002,43802	10	
10	0	9,57668,91915	5,16765	9,96665,33105	85788	9,61003,58810	6,02553	10,38996,41190	0	50
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,57668,91915	5,16765	9,96665,33105	85788	9,61003,58810	6,02553	10,38996,41190	0	50
	10	9,57674,08680	5,16694	9,96664,47317	85800	9,61009,61363	6,02494	10,38990,38637	50	
	20	9,57679,25374	5,16623	9,96663,61517	85812	9,61015,63857	6,02435	10,38984,36143	40	
	30	9,57684,41997	5,16550	9,96662,75705	85823	9,61021,66292	6,02373	10,38978,33708	30	
	40	9,57689,58547	5,16477	9,96661,89882	85835	9,61027,68665	6,02312	10,38972,31335	20	
	50	9,57694,75024	5,16407	9,96661,04047	85847	9,61033,70977	6,02254	10,38966,29023	10	
11	0	9,57699,91431	5,16335	9,96660,18200	85859	9,61039,73231	6,02194	10,38960,26769	0	49
	10	9,57705,07766	5,16264	9,96659,32341	85871	9,61045,75425	6,02135	10,38954,24575	50	
	20	9,57710,24030	5,16192	9,96658,46470	85883	9,61051,77560	6,02075	10,38948,22440	40	
	30	9,57715,40222	5,16119	9,96657,60587	85895	9,61057,79635	6,02014	10,38942,20365	30	
	40	9,57720,56341	5,16050	9,96656,74692	85907	9,61063,81649	6,01957	10,38936,18351	20	
	50	9,57725,72391	5,15979	9,96655,88785	85919	9,61069,83606	6,01898	10,38930,16394	10	
12	0	9,57730,88370	5,15907	9,96655,02866	85931	9,61075,85504	6,01838	10,38924,14496	0	48
	10	9,57736,04277	5,15834	9,96654,16935	85943	9,61081,87342	6,01777	10,38918,12658	50	
	20	9,57741,20111	5,15763	9,96653,30992	85954	9,61087,89119	6,01717	10,38912,10881	40	
	30	9,57746,35874	5,15690	9,96652,45038	85966	9,61093,90836	6,01656	10,38906,09164	30	
	40	9,57751,51564	5,15619	9,96651,59072	85978	9,61099,92492	6,01597	10,38900,07508	20	
	50	9,57756,67183	5,15550	9,96650,73094	85990	9,61105,94089	6,01540	10,38894,05911	10	
13	0	9,57761,82733	5,15477	9,96649,87104	86001	9,61111,95629	6,01478	10,38888,04371	0	47
	10	9,57766,98210	5,15404	9,96649,01103	86014	9,61117,97107	6,01418	10,38882,02893	50	
	20	9,57772,13614	5,15336	9,96648,15089	86026	9,61123,98525	6,01362	10,38876,01475	40	
	30	9,57777,28950	5,15264	9,96647,29063	86038	9,61129,99887	6,01302	10,38870,00113	30	
	40	9,57782,44214	5,15192	9,96646,43025	86050	9,61136,01189	6,01242	10,38863,98811	20	
	50	9,57787,59406	5,15121	9,96645,56975	86062	9,61142,02431	6,01183	10,38857,97569	10	
14	0	9,57792,74527	5,15051	9,96644,70913	86074	9,61148,03614	6,01125	10,38851,96386	0	46
	10	9,57797,89578	5,14978	9,96643,84839	86086	9,61154,04739	6,01064	10,38845,95261	50	
	20	9,57803,04556	5,14905	9,96642,98753	86097	9,61160,05803	6,01002	10,38839,94197	40	
	30	9,57808,19461	5,14834	9,96642,12656	86109	9,61166,06805	6,00943	10,38833,93195	30	
	40	9,57813,34295	5,14764	9,96641,26547	86121	9,61172,07748	6,00885	10,38827,92252	20	
	50	9,57818,49059	5,14693	9,96640,40426	86133	9,61178,08633	6,00826	10,38821,91367	10	
15	0	9,57823,63752	5,14622	9,96639,54293	86144	9,61184,09459	6,00766	10,38815,90541	0	45
	10	9,57828,78374	5,14551	9,96638,68149	86157	9,61190,10225	6,00708	10,38809,89775	50	
	20	9,57833,92925	5,14479	9,96637,81992	86169	9,61196,10933	6,00648	10,38803,89067	40	
	30	9,57839,07404	5,14408	9,96636,95823	86181	9,61202,11581	6,00589	10,38797,88419	30	
	40	9,57844,21812	5,14336	9,96636,09642	86193	9,61208,12170	6,00529	10,38791,87830	20	
	50	9,57849,36148	5,14268	9,96635,23449	86205	9,61214,12699	6,00473	10,38785,87301	10	
16	0	9,57854,50416	5,14196	9,96634,37244	86217	9,61220,13172	6,00413	10,38779,86828	0	44
	10	9,57859,64612	5,14124	9,96633,51027	86229	9,61226,13585	6,00353	10,38773,86415	50	
	20	9,57864,78736	5,14052	9,96632,64798	86240	9,61232,13938	6,00292	10,38767,86062	40	
	30	9,57869,92788	5,13980	9,96631,78558	86252	9,61238,14230	6,00232	10,38761,85770	30	
	40	9,57875,06768	5,13912	9,96630,92306	86264	9,61244,14462	6,00176	10,38755,85538	20	
	50	9,57880,20680	5,13840	9,96630,06042	86276	9,61250,14638	6,00116	10,38749,85362	10	
17	0	9,57885,34520	5,13768	9,96629,19766	86287	9,61256,14754	6,00055	10,38743,85246	0	43
	10	9,57890,48288	5,13698	9,96628,33479	86300	9,61262,14809	5,99998	10,38737,85191	50	
	20	9,57895,61986	5,13628	9,96627,47179	86312	9,61268,14807	5,99940	10,38731,85193	40	
	30	9,57900,75614	5,13557	9,96626,60867	86324	9,61274,14747	5,99881	10,38725,85253	30	
	40	9,57905,89171	5,13485	9,96625,74543	86336	9,61280,14628	5,99821	10,38719,85372	20	
	50	9,57911,02656	5,13413	9,96624,88207	86348	9,61286,14449	5,99760	10,38713,85551	10	
18	0	9,57916,16069	5,13343	9,96624,01859	86360	9,61292,14210	5,99703	10,38707,85790	0	42
	10	9,57921,29412	5,13273	9,96623,15499	86372	9,61298,13913	5,99645	10,38701,86087	50	
	20	9,57926,42685	5,13202	9,96622,29127	86384	9,61304,13558	5,99586	10,38695,86442	40	
	30	9,57931,55887	5,13129	9,96621,42743	86395	9,61310,13144	5,99524	10,38689,86856	30	
	40	9,57936,69016	5,13060	9,96620,56348	86407	9,61316,12668	5,99467	10,38683,87332	20	
	50	9,57941,82076	5,12989	9,96619,69941	86419	9,61322,12135	5,99408	10,38677,87865	10	
19	0	9,57946,95065	5,12917	9,96618,83522	86430	9,61328,11543	5,99347	10,38671,88457	0	41
	10	9,57952,07982	5,12848	9,96617,97092	86443	9,61334,10890	5,99291	10,38665,89110	50	
	20	9,57957,20830	5,12777	9,96617,10649	86455	9,61340,10181	5,99232	10,38659,89819	40	
	30	9,57962,33607	5,12705	9,96616,24194	86467	9,61346,09413	5,99172	10,38653,90587	30	
	40	9,57967,46312	5,12636	9,96615,37727	86479	9,61352,08585	5,99115	10,38647,91415	20	
	50	9,57972,58948	5,12564	9,96614,51248	86491	9,61358,07700	5,99055	10,38641,92300	10	
20	0	9,57977,71512	5,12493	9,96613,64757	86503	9,61364,06755	5,98996	10,38635,93245	0	40
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,57977,71512	5,12493	9,96613,64757	86503	9,61364,06755	5,98996	10,38635,93245	0	40
	10	9,57982,84005	5,12425	9,96612,78254	86515	9,61370,05751	5,98940	10,38629,94249	50	
	20	9,57987,96430	5,12352	9,96611,91739	86527	9,61376,04691	5,98879	10,38623,95309	40	
	30	9,57993,08782	5,12281	9,96611,05212	86538	9,61382,03570	5,98819	10,38617,96430	30	
	40	9,57998,21063	5,12211	9,96610,18674	86550	9,61388,02389	5,98761	10,38611,97611	20	
	50	9,58003,33274	5,12139	9,96609,32124	86562	9,61394,01150	5,98701	10,38605,98850	10	
21	0	9,58008,45413	5,12070	9,96608,45562	86575	9,61399,99851	5,98645	10,38600,00149	0	39
	10	9,58013,57483	5,11999	9,96607,58987	86586	9,61405,98496	5,98585	10,38594,01504	50	
	20	9,58018,69482	5,11929	9,96606,72401	86598	9,61411,97081	5,98527	10,38588,02919	40	
	30	9,58023,81411	5,11858	9,96605,85803	86610	9,61417,95608	5,98468	10,38582,04392	30	
	40	9,58028,93269	5,11788	9,96604,99193	86622	9,61423,94076	5,98410	10,38576,05924	20	
	50	9,58034,05057	5,11717	9,96604,12571	86634	9,61429,92486	5,98351	10,38570,07514	10	
22	0	9,58039,16774	5,11646	9,96603,25937	86645	9,61435,90837	5,98291	10,38564,09163	0	38
	10	9,58044,28420	5,11577	9,96602,39292	86658	9,61441,89128	5,98235	10,38558,10872	50	
	20	9,58049,39997	5,11507	9,96602,52634	86670	9,61447,87363	5,98177	10,38552,12637	40	
	30	9,58054,51504	5,11435	9,96600,65964	86682	9,61453,85540	5,98117	10,38546,14460	30	
	40	9,58059,62939	5,11365	9,96599,79282	86694	9,61459,83657	5,98059	10,38540,16343	20	
	50	9,58064,74304	5,11295	9,96598,92588	86706	9,61465,81716	5,98001	10,38534,18284	10	
23	0	9,58069,85599	5,11226	9,96598,05882	86718	9,61471,79717	5,97944	10,38528,20283	0	37
	10	9,58074,96825	5,11153	9,96597,19164	86730	9,61477,77661	5,97883	10,38522,22339	50	
	20	9,58080,07978	5,11084	9,96596,32434	86742	9,61483,75544	5,97826	10,38516,24456	40	
	30	9,58085,19062	5,11013	9,96595,45692	86753	9,61489,73370	5,97766	10,38510,26630	30	
	40	9,58090,30075	5,10942	9,96594,58939	86765	9,61495,71136	5,97707	10,38504,28864	20	
	50	9,58095,41017	5,10873	9,96593,72174	86777	9,61501,68843	5,97650	10,38498,31157	10	
24	0	9,58100,51890	5,10802	9,96592,85397	86789	9,61507,66493	5,97591	10,38492,33507	0	36
	10	9,58105,62692	5,10732	9,96591,98608	86801	9,61513,64084	5,97533	10,38486,35916	50	
	20	9,58110,73424	5,10660	9,96591,11807	86813	9,61519,61617	5,97473	10,38480,38383	40	
	30	9,58115,84084	5,10590	9,96590,24994	86825	9,61525,59090	5,97415	10,38474,40910	30	
	40	9,58120,94674	5,10521	9,96589,38169	86837	9,61531,56505	5,97358	10,38468,43495	20	
	50	9,58126,05195	5,10453	9,96588,51332	86849	9,61537,53863	5,97302	10,38462,46137	10	
25	0	9,58131,15648	5,10380	9,96587,64483	86860	9,61543,51165	5,97240	10,38456,48835	0	35
	10	9,58136,26028	5,10309	9,96586,77623	86872	9,61549,48405	5,97181	10,38450,51595	50	
	20	9,58141,36337	5,10240	9,96585,90751	86885	9,61555,45586	5,97125	10,38444,54414	40	
	30	9,58146,46577	5,10170	9,96585,03866	86897	9,61561,42711	5,97067	10,38438,57289	30	
	40	9,58151,56747	5,10100	9,96584,16969	86909	9,61567,39778	5,97009	10,38432,60222	20	
	50	9,58156,66847	5,10031	9,96583,30060	86921	9,61573,36787	5,96952	10,38426,63213	10	
26	0	9,58161,76878	5,09962	9,96582,43139	86933	9,61579,33739	5,96895	10,38420,66261	0	34
	10	9,58166,86840	5,09890	9,96581,56206	86945	9,61585,30634	5,96835	10,38414,69366	50	
	20	9,58171,96730	5,09819	9,96580,69261	86957	9,61591,27469	5,96776	10,38408,72531	40	
	30	9,58177,06549	5,09748	9,96579,82304	86968	9,61597,24245	5,96716	10,38402,75755	30	
	40	9,58182,16297	5,09679	9,96578,95336	86980	9,61603,20961	5,96659	10,38396,79039	20	
	50	9,58187,25976	5,09611	9,96578,08356	86992	9,61609,17620	5,96603	10,38390,82380	10	
27	0	9,58192,35587	5,09540	9,96577,21364	87004	9,61615,14223	5,96544	10,38384,85777	0	33
	10	9,58197,45127	5,09469	9,96576,34360	87016	9,61621,10767	5,96485	10,38378,89233	50	
	20	9,58202,54596	5,09400	9,96575,47344	87028	9,61627,07252	5,96428	10,38372,92748	40	
	30	9,5820[illegible],63996	5,09330	9,96574,60316	87040	9,61633,03680	5,96370	10,38366,96320	30	
	40	9,58212,73326	5,09259	9,96573,73276	87052	9,61639,00050	5,96311	10,38360,99950	20	
	50	9,58217,82585	5,09189	9,96572,86224	87064	9,61644,96361	5,96253	10,38355,03639	10	
28	0	9,58222,91774	5,09120	9,96571,99160	87075	9,61650,92614	5,96195	10,38349,07386	0	32
	10	9,58228,00894	5,09049	9,96571,12085	87088	9,61656,88809	5,96137	10,38343,11191	50	
	20	9,58233,09943	5,08981	9,96570,24997	87100	9,61662,84946	5,96081	10,38337,15054	40	
	30	9,58238,18924	5,08910	9,96569,37897	87112	9,61668,81027	5,96022	10,38331,18973	30	
	40	9,58243,27834	5,08840	9,96568,50785	87124	9,61674,77049	5,95964	10,38325,22951	20	
	50	9,58248,36674	5,08772	9,96567,63661	87136	9,61680,73013	5,95908	10,38319,26987	10	
29	0	9,58253,45446	5,08700	9,96566,76525	87148	9,61686,68921	5,95848	10,38313,31079	0	31
	10	9,58258,54146	5,08631	9,96565,89377	87160	9,61692,64769	5,95791	10,38307,35231	50	
	20	9,58263,62777	5,08563	9,96565,02217	87172	9,61698,60560	5,95735	10,38301,39440	40	
	30	9,58268,71340	5,08492	9,96564,15045	87184	9,61704,56295	5,95676	10,38295,43705	30	
	40	9,58273,79832	5,08422	9,96563,27861	87195	9,61710,51971	5,95617	10,38289,48029	20	
	50	9,58278,88254	5,08351	9,96562,40666	87207	9,61716,47588	5,95558	10,38283,52412	10	
30	0	9,58283,96605	5,08282	9,96561,53459	87219	9,61722,43146	5,95501	10,38277,56854	0	30
		Sin.comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,58283,96605	5,08282	9,96561,53459	87219	9,61722,43146	5,95501	10,38277,56854	0	30
	10	9,58289,04887	5,08214	9,96560,66240	87232	9,61728,38647	5,95446	10,38271,61353	50	
	20	9,58294,13101	5,08144	9,96559,79008	87244	9,61734,34093	5,95388	10,38265,65907	40	
	30	9,58299,21245	5,08074	9,96558,91764	87255	9,61740,29481	5,95329	10,38259,70519	30	
	40	9,58304,29319	5,08003	9,96558,04509	87267	9,61746,24810	5,95270	10,38253,75190	20	
	50	9,58309,37322	5,07933	9,96557,17242	87279	9,61752,20080	5,95212	10,38247,79920	10	
31	0	9,58314,45255	5,07866	9,96556,29963	87292	9,61758,15292	5,95158	10,38241,84708	0	29
	10	9,58319,53121	5,07794	9,96555,42671	87303	9,61764,10450	5,95097	10,38235,89550	50	
	20	9,58324,60915	5,07725	9,96554,55368	87315	9,61770,05547	5,95040	10,38229,94453	40	
	30	9,58329,68640	5,07656	9,96553,68053	87327	9,61776,00587	5,94983	10,38223,99413	30	
	40	9,58334,76296	5,07586	9,96552,80726	87339	9,61781,95570	5,94925	10,38218,04430	20	
	50	9,58339,83882	5,07517	9,96551,93387	87351	9,61787,90495	5,94868	10,38212,09505	10	
32	0	9,58344,91399	5,07447	9,96551,06036	87363	9,61793,85363	5,94810	10,38206,14637	0	28
	10	9,58349,98846	5,07377	9,96550,18673	87375	9,61799,80173	5,94752	10,38200,19827	50	
	20	9,58355,06223	5,07309	9,96549,31298	87387	9,61805,74925	5,94696	10,38194,25075	40	
	30	9,58360,13532	5,07239	9,96548,43911	87399	9,61811,69621	5,94638	10,38188,30379	30	
	40	9,58365,20771	5,07169	9,96547,56512	87411	9,61817,64259	5,94500	10,38182,35741	20	
	50	9,58370,27940	5,07100	9,96546,69101	87422	9,61823,58839	5,94522	10,38176,41161	10	
33	0	9,58375,35040	5,07031	9,96545,81679	87434	9,61829,53361	5,94465	10,38170,46639	0	27
	10	9,58380,42071	5,06961	9,96544,94245	87446	9,61835,47826	5,94407	10,38164,52174	50	
	20	9,58385,49032	5,06890	9,96544,06799	87459	9,61841,42233	5,94349	10,38158,57767	40	
	30	9,58390,55922	5,06821	9,96543,19340	87471	9,61847,36582	5,94292	10,38152,63418	30	
	40	9,58395,62743	5,06753	9,96542,31869	87483	9,61853,30874	5,94236	10,38146,69126	20	
	50	9,58400,69496	5,06687	9,96541,44386	87495	9,61859,25110	5,94182	10,38140,74890	10	
34	0	9,58405,76183	5,06615	9,96540,56891	87507	9,61865,19292	5,94122	10,38134,80708	0	26
	10	9,58410,82798	5,06545	9,96539,69384	87519	9,61871,13414	5,94064	10,38128,86586	50	
	20	9,58415,89343	5,06476	9,96538,81865	87531	9,61877,07478	5,94007	10,38122,92522	40	
	30	9,58420,95819	5,06406	9,96537,94334	87542	9,61883,01485	5,93948	10,38116,98515	30	
	40	9,58426,02225	5,06336	9,96537,06792	87554	9,61888,95433	5,93890	10,38111,04567	20	
	50	9,58431,08561	5,06268	9,96536,19238	87566	9,61894,89323	5,93834	10,38105,10677	10	
35	0	9,58436,14829	5,06201	9,96535,31672	87579	9,61900,83157	5,93780	10,38099,16843	0	25
	10	9,58441,21030	5,06131	9,96534,44093	87591	9,61906,76937	5,93722	10,38093,23063	50	
	20	9,58446,27161	5,06060	9,96533,56502	87603	9,61912,70659	5,93663	10,38087,29341	40	
	30	9,58451,33221	5,05992	9,96532,68899	87614	9,61918,64322	5,93606	10,38081,35678	30	
	40	9,58456,39213	5,05921	9,96531,81285	87626	9,61924,57928	5,93547	10,38075,42072	20	
	50	9,58461,45134	5,05852	9,96530,93659	87638	9,61930,51475	5,93490	10,38069,48525	10	
36	0	9,58466,50986	5,05785	9,96530,06021	87651	9,61936,44965	5,93436	10,38063,55035	0	24
	10	9,58471,56771	5,05714	9,96529,18370	87662	9,61942,38401	5,93376	10,38057,61599	50	
	20	9,58476,62485	5,05646	9,96528,30708	87674	9,61948,31777	5,93320	10,38051,68223	40	
	30	9,58481,68131	5,05576	9,96527,43034	87686	9,61954,25097	5,93262	10,38045,74903	30	
	40	9,58486,73707	5,05506	9,96526,55348	87698	9,61960,18359	5,93204	10,38039,81641	20	
	50	9,58491,79213	5,05440	9,96525,67650	87710	9,61966,11563	5,93150	10,38033,88437	10	
37	0	9,58496,84653	5,05371	9,96524,79940	87723	9,61972,04713	5,93094	10,38027,95287	0	23
	10	9,58501,90024	5,05301	9,96523,92217	87734	9,61977,97807	5,93035	10,38022,02193	50	
	20	9,58506,95325	5,05231	9,96523,04483	87746	9,61983,90842	5,92977	10,38016,09158	40	
	30	9,58512,00556	5,05162	9,96522,16737	87758	9,61989,83819	5,92920	10,38010,16181	30	
	40	9,58517,05718	5,05094	9,96521,28979	87770	9,61995,76739	5,92864	10,38004,23261	20	
	50	9,58522,10812	5,05024	9,96520,41209	87782	9,62001,69603	5,92806	10,37998,30397	10	
38	0	9,58527,15836	5,04956	9,96519,53427	87794	9,62007,62409	5,92750	10,37992,37591	0	22
	10	9,58532,20792	5,04887	9,96518,65633	87806	9,62013,55159	5,92693	10,37986,44841	50	
	20	9,58537,25679	5,04818	9,96517,77827	87818	9,62019,47852	5,92636	10,37980,52148	40	
	30	9,58542,30497	5,04749	9,96516,90009	87830	9,62025,40488	5,92579	10,37974,59512	30	
	40	9,58547,35246	5,04680	9,96516,02179	87842	9,62031,33067	5,92522	10,37968,66933	20	
	50	9,58552,39926	5,04611	9,96515,14337	87854	9,62037,25589	5,92465	10,37962,74411	10	
39	0	9,58557,44537	5,04541	9,96514,26483	87865	9,62043,18054	5,92406	10,37956,81946	0	21
	10	9,58562,49078	5,04474	9,96513,38618	87878	9,62049,10460	5,92352	10,37950,89540	50	
	20	9,58567,53552	5,04405	9,96512,50740	87890	9,62055,02812	5,92295	10,37944,97188	40	
	30	9,58572,57957	5,04336	9,96511,62850	87902	9,62060,95107	5,92238	10,37939,04893	30	
	40	9,58577,62293	5,04268	9,96510,74948	87914	9,62066,87345	5,92182	10,37933,12655	20	
	50	9,58582,66561	5,04198	9,96509,87034	87926	9,62072,79527	5,92124	10,37927,20473	10	
40	0	9,58587,70759	5,04129	9,96508,99108	87937	9,62078,71651	5,92066	10,37921,28349	0	20
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,58587,70759	5,04129	9,96508,99108	87937	9,62078,71651	5,92066	10,37921,28349	0	20
	10	9,58592,74888	5,04062	9,96508,11171	87950	9,62084,63717	5,92012	10,37915,36283	50	
	20	9,58597,78950	5,03992	9,96507,23221	87962	9,62090,55729	5,91954	10,37909,44271	40	
	30	9,58602,82942	5,03924	9,96506,35259	87974	9,62096,47683	5,91898	10,37903,52317	30	
	40	9,58607,86866	5,03856	9,96505,47285	87986	9,62102,39581	5,91842	10,37897,60419	20	
	50	9,58612,90722	5,03786	9,96504,59299	87998	9,62108,31423	5,91784	10,37891,68577	10	
41	0	9,58617,94508	5,03717	9,96503,71301	88009	9,62114,23207	5,91726	10,37885,76793	0	19
	10	9,58622,98225	5,03650	9,96502,83292	88022	9,62120,14933	5,91672	10,37879,85067	50	
	20	9,58628,01875	5,03580	9,96501,95270	88034	9,62126,06605	5,91614	10,37873,93395	40	
	30	9,58633,05455	5,03512	9,96501,07236	88046	9,62131,98219	5,91558	10,37868,01781	30	
	40	9,58638,08967	5,03444	9,96500,19190	88058	9,62137,89777	5,91502	10,37862,10223	20	
	50	9,58643,12411	5,03374	9,96499,31132	88070	9,62143,81279	5,91444	10,37856,18721	10	
42	0	9,58648,15785	5,03306	9,96498,43062	88082	9,62149,72723	5,91388	10,37850,27277	0	18
	10	9,58653,19091	5,03238	9,96497,54980	88094	9,62155,64111	5,91332	10,37844,35889	50	
	20	9,58658,22329	5,03170	9,96496,66886	88106	9,62161,55443	5,91276	10,37838,44557	40	
	30	9,58663,25499	5,03102	9,96495,78780	88118	9,62167,46719	5,91220	10,37832,53281	30	
	40	9,58668,28601	5,03032	9,96494,90662	88130	9,62173,37939	5,91162	10,37826,62061	20	
	50	9,58673,31633	5,02963	9,96494,02532	88141	9,62179,29101	5,91104	10,37820,70899	10	
43	0	9,58678,34596	5,02895	9,96493,14391	88153	9,62185,20205	5,91048	10,37814,79795	0	17
	10	9,58683,37491	5,02827	9,96492,26238	88165	9,62191,11253	5,90992	10,37808,88747	50	
	20	9,58688,40318	5,02758	9,96491,38073	88178	9,62197,02245	5,90936	10,37802,97755	40	
	30	9,58693,43076	5,02690	9,96490,49895	88190	9,62202,93181	5,90880	10,37797,06819	30	
	40	9,58698,45766	5,02622	9,96489,61705	88202	9,62208,84061	5,90824	10,37791,15939	20	
	50	9,58703,48388	5,02554	9,96488,73503	88214	9,62214,74885	5,90768	10,37785,25115	10	
44	0	9,58708,50942	5,02485	9,96487,85289	88225	9,62220,65653	5,90710	10,37779,34347	0	16
	10	9,58713,53427	5,02415	9,96486,97064	88237	9,62226,56363	5,90652	10,37773,43637	50	
	20	9,58718,55842	5,02348	9,96486,08827	88250	9,62232,47015	5,90598	10,37767,52985	40	
	30	9,58723,58190	5,02280	9,96485,20577	88262	9,62238,37613	5,90542	10,37761,62387	30	
	40	9,58728,60470	5,02212	9,96484,32315	88274	9,62244,28155	5,90486	10,37755,71845	20	
	50	9,58733,62682	5,02144	9,96483,44041	88286	9,62250,18641	5,90430	10,37749,81359	10	
45	0	9,58738,64826	5,02075	9,96482,55755	88297	9,62256,09071	5,90372	10,37743,90929	0	15
	10	9,58743,66901	5,02008	9,96481,67458	88310	9,62261,99443	5,90318	10,37738,00557	50	
	20	9,58748,68909	5,01938	9,96480,79148	88322	9,62267,89761	5,90260	10,37732,10239	40	
	30	9,58753,70847	5,01870	9,96479,90826	88334	9,62273,80021	5,90204	10,37726,19979	30	
	40	9,58758,72717	5,01802	9,96479,02492	88346	9,62279,70225	5,90148	10,37720,29775	20	
	50	9,58763,74519	5,01735	9,96478,14146	88358	9,62285,60373	5,90093	10,37714,39627	10	
46	0	9,58768,76254	5,01664	9,96477,25788	88369	9,62291,50466	5,90033	10,37708,49534	0	14
	10	9,58773,77918	5,01598	9,96476,37419	88382	9,62297,40499	5,89980	10,37702,59501	50	
	20	9,58778,79516	5,01530	9,96475,49037	88394	9,62303,30479	5,89924	10,37696,69521	40	
	30	9,58783,81046	5,01462	9,96474,60643	88406	9,62309,20403	5,89868	10,37690,79597	30	
	40	9,58788,82508	5,01394	9,96473,72237	88418	9,62315,10271	5,89812	10,37684,89729	20	
	50	9,58793,83902	5,01326	9,96472,83819	88430	9,62321,00083	5,89756	10,37678,99917	10	
47	0	9,58798,85228	5,01257	9,96471,95389	88441	9,62326,89839	5,89698	10,37673,10161	0	13
	10	9,58803,86485	5,01190	9,96471,06948	88454	9,62332,79537	5,89644	10,37667,20463	50	
	20	9,58808,87675	5,01120	9,96470,18494	88466	9,62338,69181	5,89586	10,37661,30819	40	
	30	9,58813,88795	5,01054	9,96469,30028	88478	9,62344,58767	5,89532	10,37655,41233	30	
	40	9,58818,89849	5,00984	9,96468,41550	88490	9,62350,48299	5,89474	10,37649,51701	20	
	50	9,58823,90833	5,00918	9,96467,53060	88502	9,62356,37773	5,89420	10,37643,62227	10	
48	0	9,58828,91751	5,00849	9,96466,64558	88513	9,62362,27193	5,89362	10,37637,72807	0	12
	10	9,58833,92600	5,00782	9,96465,76045	88526	9,62368,16555	5,89308	10,37631,83445	50	
	20	9,58838,93382	5,00712	9,96464,87519	88538	9,62374,05863	5,89250	10,37625,94137	40	
	30	9,58843,94094	5,00646	9,96463,98981	88550	9,62379,95113	5,89196	10,37620,04887	30	
	40	9,58848,94740	5,00578	9,96463,10431	88562	9,62385,84309	5,89140	10,37614,15691	20	
	50	9,58853,95318	5,00509	9,96462,21869	88574	9,62391,73449	5,89083	10,37608,26551	10	
49	0	9,58858,95827	5,00442	9,96461,33295	88586	9,62397,62532	5,89028	10,37602,37468	0	11
	10	9,58863,96269	5,00374	9,96460,44709	88598	9,62403,51560	5,88972	10,37596,48440	50	
	20	9,58868,96643	5,00306	9,96459,56111	88610	9,62409,40532	5,88916	10,37590,59468	40	
	30	9,58873,96949	5,00238	9,96458,67501	88622	9,62415,29448	5,88860	10,37584,70552	30	
	40	9,58878,97187	5,00170	9,96457,78879	88634	9,62421,18308	5,88804	10,37578,81692	20	
	50	9,58883,97357	5,00103	9,96456,90245	88646	9,62427,07112	5,88749	10,37572,92888	10	
50	0	9,58888,97460	5,00034	9,96456,01599	88659	9,62432,95861	5,88693	10,37567,04139	0	10
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,58888,97460	5,00034	9,96456,01599	88659	9,62432,95861	5,88693	10,37567,04139	0	10
	10	9,58893,97494	4,99967	9,96455,12940	88670	9,62438,84554	5,88637	10,37561,15446	50	
	20	9,58898,97461	4,99900	9,96454,24270	88682	9,62444,73191	5,88582	10,37555,26809	40	
	30	9,58903,97361	4,99832	9,96453,35588	88694	9,62450,61773	5,88526	10,37549,38227	30	
	40	9,58908,97193	4,99764	9,96452,46894	88706	9,62456,50299	5,88470	10,37543,49701	20	
	50	9,58913,96957	4,99695	9,96451,58188	88718	9,62462,38769	5,88413	10,37537,61231	10	
51	0	9,58918,96652	4,99629	9,96450,69470	88731	9,62468,27182	5,88360	10,37531,72818	0	9
	10	9,58923,96281	4,99560	9,96449,80739	88742	9,62474,15542	5,88302	10,37525,84458	50	
	20	9,58928,95841	4,99493	9,96448,91997	88754	9,62480,03844	5,88247	10,37519,96156	40	
	30	9,58933,95334	4,99424	9,96448,03243	88766	9,62485,92091	5,88190	10,37514,07909	30	
	40	9,58938,94758	4,99358	9,96447,14477	88778	9,62491,80281	5,88136	10,37508,19719	20	
	50	9,58943,94116	4,99290	9,96446,25699	88791	9,62497,68417	5,88081	10,37502,31583	10	
52	0	9,58948,93406	4,99224	9,96445,36908	88803	9,62503,56498	5,88027	10,37496,43503	0	8
	10	9,58953,92630	4,99154	9,96444,48105	88814	9,62509,44525	5,87968	10,37490,55475	50	
	20	9,58958,91784	4,99088	9,96443,59291	88826	9,62515,32493	5,87914	10,37484,67507	40	
	30	9,58963,90872	4,99020	9,96442,70465	88838	9,62521,20407	5,87858	10,37478,79593	30	
	40	9,58968,89892	4,98952	9,96441,81627	88850	9,62527,08265	5,87802	10,37472,91735	20	
	50	9,58973,88844	4,98884	9,96440,92777	88862	9,62532,96067	5,87746	10,37467,03933	10	
53	0	9,58978,87728	4,98816	9,96440,03915	88874	9,62538,83813	5,87690	10,37461,16187	0	7
	10	9,58983,86544	4,98750	9,96439,15041	88886	9,62544,71503	5,87636	10,37455,28497	50	
	20	9,58988,85294	4,98682	9,96438,26155	88898	9,62550,59139	5,87580	10,37449,40861	40	
	30	9,58993,83976	4,98615	9,96437,37257	88911	9,62556,46719	5,87526	10,37443,53281	30	
	40	9,58998,82591	4,98547	9,96436,48346	88923	9,62562,34245	5,87470	10,37437,65755	20	
	50	9,59003,81138	4,98481	9,96435,59423	88935	9,62568,21715	5,87416	10,37431,78285	10	
54	0	9,59008,79619	4,98412	9,96434,70488	88946	9,62574,09131	5,87358	10,37425,90869	0	6
	10	9,59013,78031	4,98344	9,96433,81542	88958	9,62579,96489	5,87302	10,37420,03511	50	
	20	9,59018,76375	4,98278	9,96432,92584	88971	9,62585,83791	5,87249	10,37414,16209	40	
	30	9,59023,74653	4,98211	9,96432,03613	88983	9,62591,71040	5,87194	10,37408,28960	30	
	40	9,59028,72864	4,98143	9,96431,14630	88995	9,62597,58234	5,87138	10,37402,41766	20	
	50	9,59033,71007	4,98076	9,96430,25635	89007	9,62603,45372	5,87083	10,37396,54628	10	
55	0	9,59038,69083	4,98009	9,96429,36628	89019	9,62609,32455	5,87028	10,37390,67545	0	5
	10	9,59043,67092	4,97941	9,96428,47609	89031	9,62615,19483	5,86972	10,37384,80517	50	
	20	9,59048,65033	4,97873	9,96427,58578	89043	9,62621,06455	5,86916	10,37378,93545	40	
	30	9,59053,62906	4,97807	9,96426,69535	89055	9,62626,93371	5,86862	10,37373,06629	30	
	40	9,59058,60713	4,97739	9,96425,80480	89067	9,62632,80233	5,86806	10,37367,19767	20	
	50	9,59063,58452	4,97672	9,96424,91413	89079	9,62638,67039	5,86751	10,37361,32961	10	
56	0	9,59068,56124	4,97606	9,96424,02334	89092	9,62644,53790	5,86698	10,37355,46210	0	4
	10	9,59073,53730	4,97537	9,96423,13242	89103	9,62650,40488	5,86640	10,37349,59512	50	
	20	9,59078,51267	4,97470	9,96422,24139	89115	9,62656,27128	5,86585	10,37343,72872	40	
	30	9,59083,48737	4,97403	9,96421,35024	89127	9,62662,13713	5,86530	10,37337,86287	30	
	40	9,59088,46140	4,97335	9,96420,45897	89139	9,62668,00243	5,86474	10,37331,99757	20	
	50	9,59093,43475	4,97269	9,96419,56758	89151	9,62673,86717	5,86420	10,37326,13283	10	
57	0	9,59098,40744	4,97202	9,96418,67607	89164	9,62679,73137	5,86366	10,37320,26863	0	3
	10	9,59103,37946	4,97136	9,96417,78443	89176	9,62685,59503	5,86312	10,37314,40497	50	
	20	9,59108,35082	4,97067	9,96416,89267	89187	9,62691,45815	5,86254	10,37308,54185	40	
	30	9,59113,32149	4,97001	9,96416,00080	89199	9,62697,32069	5,86200	10,37302,67931	30	
	40	9,59118,29150	4,96933	9,96415,10881	89211	9,62703,18269	5,86144	10,37296,81731	20	
	50	9,59123,26083	4,96865	9,96414,21670	89223	9,62709,04413	5,86088	10,37290,95587	10	
58	0	9,59128,22948	4,96799	9,96413,32447	89235	9,62714,90501	5,86034	10,37285,09499	0	2
	10	9,59133,19747	4,96731	9,96412,43212	89247	9,62720,76535	5,85978	10,37279,23465	50	
	20	9,59138,16478	4,96664	9,96411,53965	89259	9,62726,62513	5,85923	10,37273,37487	40	
	30	9,59143,13142	4,96598	9,96410,64706	89272	9,62732,48436	5,85870	10,37267,51564	30	
	40	9,59148,09740	4,96532	9,96409,75434	89284	9,62738,34306	5,85816	10,37261,65694	20	
	50	9,59153,06272	4,96464	9,96408,86150	89296	9,62744,20122	5,85760	10,37255,79878	10	
59	0	9,59158,02736	4,96396	9,96407,96854	89307	9,62750,05882	5,85703	10,37249,94118	0	1
	10	9,59162,99132	4,96331	9,96407,07547	89320	9,62755,91585	5,85651	10,37244,08415	50	
	20	9,59167,95463	4,96264	9,96406,18227	89332	9,62761,77236	5,85596	10,37238,22764	40	
	30	9,59172,91727	4,96198	9,96405,28895	89344	9,62767,62832	5,85542	10,37232,37168	30	
	40	9,59177,87925	4,96130	9,96404,39551	89356	9,62773,48374	5,85486	10,37226,51626	20	
	50	9,59182,84055	4,96061	9,96403,50195	89368	9,62779,33860	5,85429	10,37220,66140	10	
60	0	9,59187,80116	4,95998	9,96402,60827	89381	9,62785,19289	5,85379	10,37214,80711	0	0
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,59187,80116	4,95998	9,96402,60827	89381	9,62785,19289	5,85379	10,37214,80711	0	60
	10	9,59192,76114	4,95928	9,96401,71446	89392	9,62791,04668	5,85320	10,37208,95332	50	
	20	9,59197,72042	4,95861	9,96400,82054	89404	9,62796,89988	5,85265	10,37203,10012	40	
	30	9,59202,67903	4,95794	9,96399,92650	89416	9,62802,75253	5,85210	10,37197,24747	30	
	40	9,59207,63697	4,95729	9,96399,03234	89428	9,62808,60463	5,85157	10,37191,39537	20	
	50	9,59212,59426	4,95662	9,96398,13806	89440	9,62814,45620	5,85102	10,37185,54380	10	
1	0	9,59217,55088	4,95596	9,96397,24366	89452	9,62820,30722	5,85048	10,37179,69278	0	59
	10	9,59222,50684	4,95528	9,96396,34914	89464	9,62826,15770	5,84992	10,37173,84230	50	
	20	9,59227,46212	4,95460	9,96395,45450	89476	9,62832,00762	5,84936	10,37167,99238	40	
	30	9,59232,41672	4,95394	9,96394,55974	89488	9,62837,85698	5,84882	10,37162,14302	30	
	40	9,59237,37066	4,95328	9,96393,66486	89501	9,62843,70580	5,84829	10,37156,29420	20	
	50	9,59242,32394	4,95263	9,96392,76985	89513	9,62849,55409	5,84776	10,37150,44591	10	
2	0	9,59247,27657	4,95195	9,96391,87472	89524	9,62855,40185	5,84719	10,37144,59815	0	58
	10	9,59252,22852	4,95129	9,96390,97948	89537	9,62861,24904	5,84666	10,37138,75096	50	
	20	9,59257,17981	4,95061	9,96390,08411	89549	9,62867,09570	5,84610	10,37132,90430	40	
	30	9,59262,13042	4,94993	9,96389,18862	89561	9,62872,94180	5,84554	10,37127,05820	30	
	40	9,59267,08035	4,94929	9,96388,29301	89573	9,62878,78734	5,84502	10,37121,21266	20	
	50	9,59272,02964	4,94862	9,96387,39728	89585	9,62884,63236	5,84447	10,37115,36764	10	
3	0	9,59276,97826	4,94796	9,96386,50143	89597	9,62890,47683	5,84393	10,37109,52317	0	57
	10	9,59281,92622	4,94729	9,96385,60546	89609	9,62896,32076	5,84338	10,37103,67924	50	
	20	9,59286,87351	4,94661	9,96384,70937	89621	9,62902,16414	5,84282	10,37097,83586	40	
	30	9,59291,82012	4,94594	9,96383,81316	89633	9,62908,00696	5,84227	10,37091,99304	30	
	40	9,59296,76606	4,94528	9,96382,91683	89645	9,62913,84923	5,84173	10,37086,15077	20	
	50	9,59301,71134	4,94462	9,96382,02038	89657	9,62919,69096	5,84119	10,37080,30904	10	
4	0	9,59306,65596	4,94395	9,96381,12381	89669	9,62925,53215	5,84064	10,37074,46785	0	56
	10	9,59311,59991	4,94329	9,96380,22712	89681	9,62931,37279	5,84010	10,37068,62721	50	
	20	9,59316,54320	4,94262	9,96379,33031	89693	9,62937,21289	5,83955	10,37062,78711	40	
	30	9,59321,48582	4,94197	9,96378,43338	89706	9,62943,05244	5,83903	10,37056,94756	30	
	40	9,59326,42779	4,94130	9,96377,53632	89718	9,62948,89147	5,83848	10,37051,10853	20	
	50	9,59331,36909	4,94064	9,96376,63914	89730	9,62954,72995	5,83794	10,37045,27005	10	
5	0	9,59336,30973	4,93997	9,96375,74184	89741	9,62960,56789	5,83738	10,37039,43211	0	55
	10	9,59341,24970	4,93931	9,96374,84443	89754	9,62966,40527	5,83685	10,37033,59473	50	
	20	9,59346,18901	4,93864	9,96373,94689	89766	9,62972,24212	5,83630	10,37027,75788	40	
	30	9,59351,12765	4,93799	9,96373,04923	89778	9,62978,07842	5,83577	10,37021,92158	30	
	40	9,59356,06564	4,93732	9,96372,15145	89790	9,62983,91419	5,83522	10,37016,08581	20	
	50	9,59361,00296	4,93664	9,96371,25355	89802	9,62989,74941	5,83466	10,37010,25059	10	
6	0	9,59365,93960	4,93600	9,96370,35553	89815	9,62995,58407	5,83415	10,37004,41593	0	54
	10	9,59370,87560	4,93532	9,96369,45738	89826	9,63001,41822	5,83358	10,36998,58178	50	
	20	9,59375,81092	4,93467	9,96368,55912	89838	9,63007,25180	5,83305	10,36992,74820	40	
	30	9,59380,74559	4,93400	9,96367,66074	89850	9,63013,08485	5,83250	10,36986,91515	30	
	40	9,59385,67959	4,93333	9,96366,76224	89862	9,63018,91735	5,83195	10,36981,08265	20	
	50	9,59390,61292	4,93267	9,96365,86362	89874	9,63024,74930	5,83141	10,36975,25070	10	
7	0	9,59395,54559	4,93201	9,96364,96488	89886	9,63030,58071	5,83087	10,36969,41929	0	53
	10	9,59400,47760	4,93135	9,96364,06602	89898	9,63036,41158	5,83033	10,36963,58842	50	
	20	9,59405,40895	4,93069	9,96363,16704	89911	9,63042,24191	5,82980	10,36957,75809	40	
	30	9,59410,33964	4,93003	9,96362,26793	89923	9,63048,07171	5,82926	10,36951,92829	30	
	40	9,59415,26967	4,92936	9,96361,36870	89935	9,63053,90097	5,82871	10,36946,09903	20	
	50	9,59420,19903	4,92871	9,96360,46935	89947	9,63059,72968	5,82818	10,36940,27032	10	
8	0	9,59425,12774	4,92805	9,96359,56988	89959	9,63065,55786	5,82764	10,36934,44214	0	52
	10	9,59430,05579	4,92739	9,96358,67029	89971	9,63071,38550	5,82710	10,36928,61450	50	
	20	9,59434,98318	4,92671	9,96357,77058	89983	9,63077,21260	5,82654	10,36922,78740	40	
	30	9,59439,90989	4,92605	9,96356,87075	89995	9,63083,03914	5,82600	10,36916,96086	30	
	40	9,59444,83594	4,92539	9,96355,97080	90007	9,63088,86514	5,82546	10,36911,13486	20	
	50	9,59449,76133	4,92475	9,96355,07073	90019	9,63094,69060	5,82494	10,36905,30940	10	
9	0	9,59454,68608	4,92407	9,96354,17054	90031	9,63100,51554	5,82438	10,36899,48446	0	51
	10	9,59459,61015	4,92342	9,96353,27023	90043	9,63106,33992	5,82385	10,36893,66008	50	
	20	9,59464,53357	4,92275	9,96352,36980	90055	9,63112,16377	5,82330	10,36887,83623	40	
	30	9,59469,45632	4,92210	9,96351,46925	90068	9,63117,98707	5,82278	10,36882,01293	30	
	40	9,59474,37842	4,92144	9,96350,56857	90080	9,63123,80985	5,82224	10,36876,19015	20	
	50	9,59479,29986	4,92079	9,96349,66777	90092	9,63129,63209	5,82171	10,36870,36791	10	
10	0	9,59484,22065	4,92012	9,96348,76685	90103	9,63135,45380	5,82115	10,36864,54620	0	50
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,59484,22065	4,92012	9,96348,76685	90103	9,63135,45380	5,82115	10,36864,54620	0	50
	10	9,59489,14077	4,91946	9,96347,86582	90116	9,63141,27495	5,82062	10,36858,72505	50	
	20	9,59494,06023	4,91879	9,96346,96466	90128	9,63147,09557	5,82007	10,36852,90443	40	
	30	9,59498,97902	4,91813	9,96346,06338	90140	9,63152,91564	5,81953	10,36847,08436	30	
	40	9,59503,89715	4,91747	9,96345,16198	90152	9,63158,73517	5,81899	10,36841,26483	20	
	50	9,59508,81462	4,91684	9,96344,26046	90164	9,63164,55416	5,81848	10,36835,44584	10	
11	0	9,59513,73146	4,91617	9,96343,35882	90176	9,63170,37264	5,81793	10,36829,62736	0	49
	10	9,59518,64763	4,91550	9,96342,45706	90188	9,63176,19057	5,81738	10,36823,80943	50	
	20	9,59523,56313	4,91484	9,96341,55518	90200	9,63182,00795	5,81684	10,36817,99205	40	
	30	9,59528,47797	4,91419	9,96340,65318	90213	9,63187,82479	5,81632	10,36812,17521	30	
	40	9,59533,39216	4,91353	9,96339,75105	90225	9,63193,64111	5,81578	10,36806,35889	20	
	50	9,59538,30569	4,91289	9,96338,84880	90237	9,63199,45689	5,81526	10,36800,54311	10	
12	0	9,59543,21858	4,91222	9,96337,94643	90248	9,63205,27215	5,81470	10,36794,72785	0	48
	10	9,59548,13080	4,91157	9,96337,04395	90261	9,63211,08685	5,81418	10,36788,91315	50	
	20	9,59553,04237	4,91089	9,96336,14134	90273	9,63216,90103	5,81362	10,36783,09897	40	
	30	9,59557,95326	4,91024	9,96335,23861	90285	9,63222,71465	5,81309	10,36777,28535	30	
	40	9,59562,86350	4,90958	9,96334,33576	90297	9,63228,52774	5,81255	10,36771,47226	20	
	50	9,59567,77308	4,90892	9,96333,43279	90309	9,63234,34029	5,81201	10,36765,65971	10	
13	0	9,59572,68200	4,90826	9,96332,52970	90321	9,63240,15230	5,81147	10,36759,84770	0	47
	10	9,59577,59026	4,90762	9,96331,62649	90333	9,63245,96377	5,81095	10,36754,03623	50	
	20	9,59582,49788	4,90695	9,96330,72316	90345	9,63251,77472	5,81040	10,36748,22528	40	
	30	9,59587,40483	4,90630	9,96329,81971	90358	9,63257,58512	5,80988	10,36742,41488	30	
	40	9,59592,31113	4,90565	9,96328,91613	90370	9,63263,39500	5,80935	10,36736,60500	20	
	50	9,59597,21678	4,90500	9,96328,01243	90382	9,63269,20435	5,80882	10,36730,79565	10	
14	0	9,59602,12178	4,90433	9,96327,10861	90394	9,63275,01317	5,80827	10,36724,98683	0	46
	10	9,59607,02611	4,90368	9,96326,20467	90406	9,63280,82144	5,80774	10,36719,17856	50	
	20	9,59611,92979	4,90303	9,96325,30061	90418	9,63286,62918	5,80721	10,36713,37082	40	
	30	9,59616,83282	4,90238	9,96324,39643	90430	9,63292,43639	5,80668	10,36707,56361	30	
	40	9,59621,73520	4,90171	9,96323,49213	90442	9,63298,24307	5,80613	10,36701,75693	20	
	50	9,59626,63691	4,90105	9,96322,58771	90454	9,63304,04920	5,80559	10,36695,95080	10	
15	0	9,59631,53796	4,90040	9,96321,68317	90466	9,63309,85479	5,80506	10,36690,14521	0	45
	10	9,59636,43836	4,89974	9,96320,77851	90478	9,63315,65985	5,80452	10,36684,34015	50	
	20	9,59641,33810	4,89908	9,96319,87373	90490	9,63321,46437	5,80398	10,36678,53563	40	
	30	9,59646,23718	4,89844	9,96318,96883	90503	9,63327,26835	5,80347	10,36672,73165	30	
	40	9,59651,13562	4,89778	9,96318,06380	90515	9,63333,07182	5,80293	10,36666,92818	20	
	50	9,59656,03340	4,89714	9,96317,15865	90527	9,63338,87475	5,80241	10,36661,12525	10	
16	0	9,59660,93054	4,89648	9,96316,25338	90539	9,63344,67716	5,80187	10,36655,32284	0	44
	10	9,59665,82702	4,89582	9,96315,34799	90551	9,63350,47903	5,80133	10,36649,52097	50	
	20	9,59670,72284	4,89516	9,96314,44248	90563	9,63356,28036	5,80079	10,36643,71964	40	
	30	9,59675,61800	4,89452	9,96313,53685	90575	9,63362,08115	5,80027	10,36637,91885	30	
	40	9,59680,51252	4,89385	9,96312,63110	0587	9,63367,88142	5,79972	10,36632,11858	20	
	50	9,59685,40637	4,89320	9,96311,72523	90599	9,63373,68114	5,79919	10,36626,31886	10	
17	0	9,59690,29957	4,89254	9,96310,81924	90611	9,63379,48033	5,79865	10,36620,51967	0	43
	10	9,59695,19211	4,89188	9,96309,91313	90623	9,63385,27898	5,79811	10,36614,72102	50	
	20	9,59700,08399	4,89126	9,96309,00690	90636	9,63391,07709	5,79762	10,36608,92291	40	
	30	9,59704,97525	4,89058	9,96308,10054	90648	9,63396,87471	5,79706	10,36603,12529	30	
	40	9,59709,86583	4,88995	9,96307,19406	90660	9,63402,67177	5,79655	10,36597,32823	20	
	50	9,59714,75578	4,88930	9,96306,28746	90672	9,63408,46832	5,79602	10,36591,53168	10	
18	0	9,59719,64508	4,88863	9,96305,38074	90684	9,63414,26434	5,79547	10,36585,73566	0	42
	10	9,59724,53371	4,88799	9,96304,47390	90696	9,63420,05981	5,79495	10,36579,94019	50	
	20	9,59729,42170	4,88732	9,96303,56694	90708	9,63425,85476	5,79440	10,36574,14524	40	
	30	9,59734,30902	4,88667	9,96302,65986	90720	9,63431,64916	5,79387	10,36568,35084	30	
	40	9,59739,19569	4,88602	9,96301,75266	90733	9,63437,44303	5,79335	10,36562,55697	20	
	50	9,59744,08171	4,88539	9,96300,84533	90745	9,63443,23638	5,79284	10,36556,76362	10	
19	0	9,59748,96710	4,88471	9,96299,93788	90757	9,63449,02922	5,79228	10,36550,97078	0	41
	10	9,59753,85181	4,88408	9,96299,03031	90769	9,63454,82150	5,79177	10,36545,17850	50	
	20	9,59758,73589	4,88344	9,96298,12262	90781	9,63460,61327	5,79125	10,36539,38673	40	
	30	9,59763,61933	4,88277	9,96297,21481	90793	9,63466,40452	5,79070	10,36533,59548	30	
	40	9,59768,50210	4,88212	9,96296,30688	90805	9,63472,19522	5,79017	10,36527,80478	20	
	50	9,59773,38422	4,88146	9,96295,39883	90817	9,63477,98539	5,78963	10,36522,01461	10	
20	0	9,59778,26568	4,88082	9,96294,49066	90829	9,63483,77502	5,78911	10,36516,22498	0	40
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,59778,26568	4,88082	9,96294,49066	90829	9,63483,77502	5,78911	10,36516,22498	0	40
	10	9,59783,14650	4,88016	9,96293,58237	90841	9,63489,56413	5,78857	10,36510,43587	50	
	20	9,59788,02666	4,87950	9,96292,67396	90853	9,63495,35270	5,78803	10,36504,64730	40	
	30	9,59792,90616	4,87887	9,96291,76543	90866	9,63501,14073	5,78753	10,36498,85927	30	
	40	9,59797,78503	4,87821	9,96290,85677	90878	9,63506,92826	5,78699	10,36493,07174	20	
	50	9,59802,66334	4,87758	9,96289,94799	90890	9,63512,71525	5,78648	10,36487,28475	10	
21	0	9,59807,54082	4,87692	9,96289,03909	90903	9,63518,50173	5,78595	10,36481,49827	0	39
	10	9,59812,41774	4,87627	9,96288,13006	90914	9,63524,28768	5,78541	10,36475,71232	50	
	20	9,59817,29401	4,87562	9,96287,22092	90926	9,63530,07309	5,78488	10,36469,92691	40	
	30	9,59822,16963	4,87497	9,96286,31166	90938	9,63535,85797	5,78435	10,36464,14203	30	
	40	9,59827,04460	4,87431	9,96285,40228	90950	9,63541,64232	5,78381	10,36458,35768	20	
	50	9,59831,91891	4,87366	9,96284,49278	90962	9,63547,42613	5,78328	10,36452,57387	10	
22	0	9,59836,79257	4,87301	9,96283,58316	90974	9,63553,20941	5,78275	10,36446,79059	0	38
	10	9,59841,66558	4,87238	9,96282,67342	90987	9,63558,99216	5,78225	10,36441,00784	50	
	20	9,59846,53796	4,87172	9,96281,76355	90999	9,63564,77441	5,78171	10,36435,22559	40	
	30	9,59851,40968	4,87108	9,96280,85356	91011	9,63570,55612	5,78119	10,36429,44388	30	
	40	9,59856,28076	4,87042	9,96279,94345	91023	9,63576,33731	5,78065	10,36423,66269	20	
	50	9,59861,15118	4,86977	9,96279,03322	91035	9,63582,11796	5,78012	10,36417,88204	10	
23	0	9,59866,02095	4,86912	9,96278,12287	91047	9,63587,89808	5,77959	10,36412,10192	0	37
	10	9,59870,89007	4,86848	9,96277,21240	91059	9,63593,67767	5,77907	10,36406,32233	50	
	20	9,59875,75855	4,86785	9,96276,30181	91072	9,63599,45674	5,77857	10,36400,54326	40	
	30	9,59880,62640	4,86719	9,96275,39109	91084	9,63605,23531	5,77803	10,36394,76469	30	
	40	9,59885,49359	4,86655	9,96274,48025	91096	9,63611,01334	5,77751	10,36388,98666	20	
	50	9,59890,36014	4,86588	9,96273,56929	91108	9,63616,79085	5,77696	10,36383,20915	10	
24	0	9,59895,22602	4,86523	9,96272,65821	91120	9,63622,56781	5,77643	10,36377,43219	0	36
	10	9,59900,09125	4,86459	9,96271,74701	91132	9,63628,34424	5,77591	10,36371,65576	50	
	20	9,59904,95584	4,86397	9,96270,83569	91144	9,63634,12015	5,77541	10,36365,87985	40	
	30	9,59909,81981	4,86331	9,96269,92425	91156	9,63639,89556	5,77487	10,36360,10444	30	
	40	9,59914,68312	4,86267	9,96269,01269	91169	9,63645,67043	5,77436	10,36354,32957	20	
	50	9,59919,54579	4,86199	9,96268,10100	91181	9,63651,44479	5,77380	10,36348,55521	10	
25	0	9,59924,40778	4,86137	9,96267,18919	91193	9,63657,21859	5,77330	10,36342,78141	0	35
	10	9,59929,26915	4,86072	9,96266,27726	91205	9,63662,99189	5,77277	10,36337,00811	50	
	20	9,59934,12987	4,86007	9,96265,36521	91217	9,63668,76466	5,77224	10,36331,23534	40	
	30	9,59938,98994	4,85942	9,96264,45304	91229	9,63674,53690	5,77171	10,36325,46310	30	
	40	9,59943,84936	4,85878	9,96263,54075	91241	9,63680,30861	5,77119	10,36319,69139	20	
	50	9,59948,70814	4,85814	9,96262,62834	91253	9,63686,07980	5,77067	10,36313,92020	10	
26	0	9,59953,56628	4,85748	9,96261,71581	91265	9,63691,85047	5,77013	10,36308,14953	0	34
	10	9,59958,42376	4,85685	9,96260,80316	91278	9,63697,62060	5,76963	10,36302,37940	50	
	20	9.59963,28061	4,85619	9,96259,89038	91290	9,63703,39023	5,76909	10,36296,60977	40	
	30	9,59968,13680	4,85555	9,96258,97748	91302	9,63709,15932	5,76857	10,36290,84068	30	
	40	9,59972,99235	4,85491	9,96258,06446	91314	9,63714,92789	5,76805	10,36285,07211	20	
	50	9,59977,84726	4,85427	9,96257,15132	91326	9,63720,69594	5,76753	10,36279,30406	10	
27	0	9,59982,70153	4,85361	9,96256,23806	91338	9,63726,46347	5,76699	10,36273,53653	0	33
	10	9,59987,55514	4,85297	9,96255,32468	91350	9,63732,23046	5,76647	10,36267,76954	50	
	20	9,59992,40811	4,85233	9,96254,41118	91362	9,63737,99693	5,76595	10,36262,00307	40	
	30	9,59997,26044	4,85170	9,96253,49756	91375	9,63743,76288	5,76545	10,36256,23712	30	
	40	9,60002,11214	4,85104	9,96252,58381	91387	9,63749,52833	5,76491	10,36250,47167	20	
	50	9,60006,96318	4,85040	9,96251,66994	91399	9,63755,29324	5,76439	10,36244,70676	10	
28	0	9,60011,81358	4,84976	9,96250,75595	91411	9,63761,05763	5,76387	10,36238,94237	0	32
	10	9,60016,66334	4,84911	9,96249,84184	91423	9,63766,82150	5,76334	10,36233,17850	50	
	20	9,60021,51245	4,84846	9,96248,92761	91435	9,63772,58484	5,76281	10,36227,41516	40	
	30	9,60026,36091	4,84782	9,96248,01326	91447	9,63778,34765	5,76229	10,36221,65235	30	
	40	9,60031,20873	4,84719	9,96247,09879	91460	9,63784,10994	5,76179	10,36215,89006	20	
	50	9,60036,05592	4,84654	9,96246,18419	91472	9,63789,87173	5,76126	10,36210,12827	10	
29	0	9,60040,90246	4,84590	9,96245,26947	91485	9,63795,63299	5,76075	10,36204,36701	0	31
	10	9,60045,74836	4,84525	9,96244,35462	91496	9,63801,39374	5,76021	10,36198,60626	50	
	20	9,60050,59361	4,84461	9,96243,43966	91508	9,63807,15395	5,75969	10,36192,84605	40	
	30	9,60055,43822	4,84397	9,96242,52458	91520	9,63812,91364	5,75917	10,36187,08636	30	
	40	9,60060,28219	4,84333	9,96241,60938	91532	9,63818,67281	5,75865	10,36181,32719	20	
	50	9,60065,12552	4,84267	9,96240,69406	91544	9,63824,43146	5,75811	10,36175,56854	10	
30	0	9,60069,96819	4,84204	9,96239,77862	91557	9,63830,18957	5,75761	10,36169,81043	0	30
		Sin. comple.		SINVVM.		Tang.compl		TANGEN.	S	M

23 M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes	Tang. compl. Logarithmi.		
30	0	9,60069,96819	4,84204	9,96239,77862	91557	9,63830,18957	5,75761	10,36169,81043	0	30
	10	9,60074,81023	4,84140	9,96238,86305	91569	9,63835,94718	5,75709	10,36164,05282	50	
	20	9,60079,65163	4,84076	9,96237,94736	91581	9,63841,70427	5,75657	10,36158,29573	40	
	30	9,60084,49239	4,84012	9,96237,03155	91593	9,63847,46084	5,75605	10,36152,53916	30	
	40	9,60089,33251	4,83948	9,96236,11562	91605	9,63853,21689	5,75553	10,36146,78311	20	
	50	9,60094,17199	4,83882	9,96235,19957	91617	9,63858,97242	5,75499	10,36141,02758	10	
31	0	9,60099,01081	4,83818	9,96234,28340	91629	9,63864,72741	5,75447	10,36135,27259	0	29
	10	9,60103,84899	4,83755	9,96233,36711	91642	9,63870,48188	5,75397	10,36129,51812	50	
	20	9,60108,68654	4,83693	9,96232,45069	91654	9,63876,23585	5,75347	10,36123,76415	40	
	30	9,60113,52347	4,83627	9,96231,53415	91666	9,63881,98932	5,75293	10,36118,01068	30	
	40	9,60118,35974	4,83563	9,96230,61749	91678	9,63887,74225	5,75241	10,36112,25775	20	
	50	9,60123,19537	4,83499	9,96229,70071	91690	9,63893,49466	5,75189	10,36106,50534	10	
32	0	9,60128,03036	4,83435	9,96228,78381	91702	9,63899,24655	5,75137	10,36100,75345	0	28
	10	9,60132,86471	4,83371	9,96227,86679	91714	9,63904,99792	5,75085	10,36095,00208	50	
	20	9,60137,69842	4,83306	9,96226,94965	91727	9,63910,74877	5,75033	10,36089,25123	40	
	30	9,60142,53148	4,83242	9,96226,03238	91739	9,63916,49910	5,74981	10,36083,50090	30	
	40	9,60147,36390	4,83179	9,96225,11499	91751	9,63922,24891	5,74930	10,36077,75109	20	
	50	9,60152,19569	4,83116	9,96224,19748	91763	9,63927,99821	5,74879	10,36072,00179	10	
33	0	9,60157,02685	4,83052	9,96223,27985	91775	9,63933,74700	5,74827	10,36066,25300	0	27
	10	9,60161,85737	4,82986	9,96222,36210	91787	9,63939,49527	5,74773	10,36060,50473	50	
	20	9,60166,68723	4,82923	9,96221,44423	91800	9,63945,24300	5,74723	10,36054,75700	40	
	30	9,60171,51646	4,82859	9,96220,52623	91812	9,63950,99023	5,74671	10,36049,00977	30	
	40	9,60176,34505	4,82795	9,96219,60811	91824	9,63956,73694	5,74619	10,36043,26306	20	
	50	9,60181,17300	4,82732	9,96218,68987	91836	9,63962,48313	5,74568	10,36037,51687	10	
34	0	9,60186,00032	4,82667	9,96217,77151	91848	9,63968,22881	5,74515	10,36031,77119	0	26
	10	9,60190,82699	4,82603	9,96216,85303	91860	9,63973,97396	5,74463	10,36026,02604	50	
	20	9,60195,65302	4,82541	9,96215,93443	91872	9,63979,71859	5,74413	10,36020,28141	40	
	30	9,60200,47843	4,82478	9,96215,01571	91885	9,63985,46272	5,74363	10,36014,53728	30	
	40	9,60205,30321	4,82412	9,96214,09686	91897	9,63991,20635	5,74309	10,36008,79365	20	
	50	9,60210,12733	4,82348	9,96213,17789	91909	9,63996,94944	5,74257	10,36003,05056	10	
35	0	9,60214,95081	4,82284	9,96212,25880	91921	9,64002,69201	5,74205	10,35997,30799	0	25
	10	9,60219,77365	4,82221	9,96211,33959	91933	9,64008,43406	5,74154	10,35991,56594	50	
	20	9,60224,59586	4,82158	9,96210,42026	91945	9,64014,17560	5,74103	10,35985,82440	40	
	30	9,60229,41744	4,82094	9,96209,50081	91957	9,64019,91663	5,74051	10,35980,08337	30	
	40	9,60234,23838	4,82030	9,96208,58124	91970	9,64025,65714	5,74000	10,35974,34286	20	
	50	9,60239,05868	4,81965	9,96207,66154	91982	9,64031,39714	5,73947	10,35968,60286	10	
36	0	9,60243,87833	4,81902	9,96206,74172	91994	9,64037,13661	5,73896	10,35962,86339	0	24
	10	9,60248,69735	4,81839	9,96205,82178	92006	9,64042,87557	5,73845	10,35957,12443	50	
	20	9,60253,51574	4,81775	9,96204,90172	92018	9,64048,61402	5,73793	10,35951,38598	40	
	30	9,60258,33349	4,81711	9,96203,98154	92030	9,64054,35195	5,73741	10,35945,64805	30	
	40	9,60263,15060	4,81648	9,96203,06124	92043	9,64060,08936	5,73691	10,35939,91064	20	
	50	9,60267,96708	4,81584	9,96202,14081	92055	9,64065,82627	5,73639	10,35934,17373	10	
37	0	9,60272,78292	4,81520	9,96201,22026	92067	9,64071,56266	5,73587	10,35928,43734	0	23
	10	9,60277,59812	4,81457	9,96200,29959	92079	9,64077,29853	5,73536	10,35922,70147	50	
	20	9,60282,41269	4,81394	9,96199,37880	92091	9,64083,03389	5,73485	10,35916,96611	40	
	30	9,60287,22663	4,81330	9,96198,45789	92103	9,64088,76874	5,73433	10,35911,23126	30	
	40	9,60292,03993	4,81267	9,96197,53686	92116	9,64094,50307	5,73383	10,35905,49693	20	
	50	9,60296,85260	4,81203	9,96196,61570	92128	9,64100,23690	5,73331	10,35899,76310	10	
38	0	9,60301,66463	4,81139	9,96195,69442	92140	9,64105,97021	5,73279	10,35894,02979	0	22
	10	9,60306,47602	4,81076	9,96194,77302	92152	9,64111,70300	5,73228	10,35888,29700	50	
	20	9,60311,28678	4,81013	9,96193,85150	92164	9,64117,43528	5,73177	10,35882,56472	40	
	30	9,60316,09691	4,80949	9,96192,92986	92176	9,64123,16705	5,73125	10,35876,83295	30	
	40	9,60320,90640	4,80885	9,96192,00810	92188	9,64128,89830	5,73073	10,35871,10170	20	
	50	9,60325,71525	4,80821	9,96191,08622	92201	9,64134,62903	5,73022	10,35865,37097	10	
39	0	9,60330,52346	4,80758	9,96190,16421	92213	9,64140,35925	5,72971	10,35859,64075	0	21
	10	9,60335,33104	4,80695	9,96189,24208	92225	9,64146,08896	5,72920	10,35853,91104	50	
	20	9,60340,13799	4,80632	9,96188,31983	92237	9,64151,81816	5,72869	10,35848,18184	40	
	30	9,60344,94431	4,80568	9,96187,39746	92249	9,64157,54685	5,72817	10,35842,45315	30	
	40	9,60349,74999	4,80505	9,96186,47497	92262	9,64163,27502	5,72767	10,35836,72498	20	
	50	9,60354,55504	4,80442	9,96185,55235	92274	9,64169,00269	5,72716	10,35830,99731	10	
40	0	9,60359,35946	4,80379	9,96184,62961	92286	9,64174,72985	5,72665	10,35825,27015	0	20
		Sin. Compl.		SINVVM.		Tang. compl		TANGEN.	S	M

M	S	23 SINVVM Logarithmi.	Differ.	Sin. Comple Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,60359,35946	4,80379	9,96184,62961	92286	9,64174,72985	5,72665	10,35825,27015	0	20
	10	9,60364,16325	4,80315	9,96183,70675	92298	9,64180,45650	5,72613	10,35819,54350	50	
	20	9,60368,96640	4,80251	9,96182,78377	92310	9,64186,18263	5,72561	10,35813,81737	40	
	30	9,60373,76891	4,80189	9,96181,86067	92322	9,64191,90824	5,72511	10,35808,09176	30	
	40	9,60378,57080	4,80125	9,96180,93745	92335	9,64197,63335	5,72460	10,35802,36665	20	
	50	9,60383,37205	4,80061	9,96180,01410	92347	9,64203,35795	5,72408	10,35796,64205	10	
41	0	9,60388,17266	4,79998	9,96179,09063	92359	9,64209,08203	5,72357	10,35790,91797	0	19
	10	9,60392,97264	4,79935	9,96178,16704	92371	9,64214,80560	5,72306	10,35785,19440	50	
	20	9,60397,77199	4,79872	9,96177,24333	92383	9,64220,52866	5,72255	10,35779,47134	40	
	30	9,60402,57071	4,79808	9,96176,31950	92395	9,64226,25121	5,72203	10,35773,74879	30	
	40	9,60407,36879	4,79747	9,96175,39555	92408	9,64231,97324	5,72155	10,35768,02676	20	
	50	9,60412,16626	4,79682	9,96174,47147	92420	9,64237,69479	5,72102	10,35762,30521	10	
42	0	9,60416,96308	4,79619	9,96173,54727	92432	9,64243,41581	5,72051	10,35756,58419	0	18
	10	9,60421,75927	4,79555	9,96172,62295	92444	9,64249,13632	5,71999	10,35750,86368	50	
	20	9,60426,55482	4,79493	9,96171,69851	92456	9,64254,85631	5,71949	10,35745,14369	40	
	30	9,60431,34975	4,79429	9,96170,77395	92468	9,64260,57580	5,71897	10,35739,42420	30	
	40	9,60436,14404	4,79367	9,96169,84927	92481	9,64266,29477	5,71848	10,35733,70523	20	
	50	9,60440,93771	4,79303	9,96168,92446	92493	9,64272,01325	5,71796	10,35727,98675	10	
43	0	9,60445,73074	4,79240	9,96167,99953	92505	9,64277,73121	5,71745	10,35722,26879	0	17
	10	9,60450,52314	4,79177	9,96167,07448	92517	9,64283,44866	5,71694	10,35716,55134	50	
	20	9,60455,31491	4,79114	9,96166,14931	92529	9,64289,16560	5,71643	10,35710,83440	40	
	30	9,60460,10605	4,79050	9,96165,22402	92541	9,64294,88203	5,71591	10,35705,11797	30	
	40	9.60464,89655	4,78989	9,96164,29861	92554	9,64300,59794	5,71543	10,35699,40206	20	
	50	9,60469,68644	4,78925	9,96163,37307	92566	9,64306,31337	5,71491	10,35693,68663	10	
44	0	9,60474,47569	4,78861	9,96162,44741	92578	9,64312,02828	5,71439	10,35687,97172	0	16
	10	9,60479,26430	4,78799	9,96161,52163	92590	9,64317,74267	5,71389	10,35682,25733	50	
	20	9,60484,05229	4,78737	9,96160,59573	92602	9,64323,45656	5,71339	10,35676,54344	40	
	30	9,60488,83966	4,78674	9,96159,66971	92615	9,64329,16995	5,71289	10,35670,83005	30	
	40	9,60493,62640	4,78610	9,96158,74356	92627	9,64334,88284	5,71237	10,35665,11716	20	
	50	9,60498,41250	4,78546	9,96157,81729	92639	9,64340,59521	5,71185	10,35659,40479	10	
45	0	9,60503,19796	4,78484	9,96156,89090	92651	9,64346,30706	5,71135	10,35653,69294	0	15
	10	9,60507,98280	4,78421	9,96155,96439	92663	9,64352,01841	5,71084	10,35647,98159	50	
	20	9,60512,76701	4,78359	9,96155,03776	92676	9,64357,72925	5,71035	10,35642,27075	40	
	30	9,60517,55060	4,78295	9,96154,11100	92688	9,64363,43960	5,70983	10,35636,56040	30	
	40	9,60522,33355	4,78233	9,96153,18412	92700	9,64369,14943	5,70933	10,35630,85057	20	
	50	9,60527,11588	4,78170	9,96152,25712	92712	9,64374,85876	5,70882	10,35625,14124	10	
46	0	9,60531,89758	4,78107	9,96151,33000	92724	9,64380,56758	5,70831	10,35619,43242	0	14
	10	9,60536,67865	4,78045	9,96150,40276	92737	9,64386,27589	5,70782	10,35613,72411	50	
	20	9,60541,45910	4,77980	9,96149,47539	92749	9,64391,98371	5,70729	10,35608,01629	40	
	30	9,60546,23890	4,77918	9,96148,54790	92761	9,64397,69100	5,70679	10,35602,30900	30	
	40	9,60551,01808	4,77856	9,96147,62029	92773	9,64403,39779	5,70629	10,35596,60221	20	
	50	9,60555,79664	4,77793	9,96146,69256	92785	9,64409,10408	5,70578	10,35590,89592	10	
47	0	9,60560,57457	4,77730	9,96145,76471	92797	9,64414,80986	5,70527	10,35585,19014	0	13
	10	9,60565,35187	4,77667	9,96144,83674	92810	9,64420,51513	5,70477	10,35579,48487	50	
	20	9,60570,12854	4,77605	9,96143,90864	92822	9,64426,21990	5,70427	10,35573,78010	40	
	30	9,60574,90459	4,77542	9,96142,98042	92834	9,64431,92417	5,70376	10,35568,07583	30	
	40	9,60579,68001	4,77479	9,96142,05208	92846	9,64437,62793	5,70325	10,35562,37207	20	
	50	9,60584,45480	4,77416	9,96141,12362	92858	9,64443,33118	5,70274	10,35556,66882	10	
48	0	9,60589,22896	4,77353	9,96140,19504	92870	9,64449,03392	5,70223	10,35550,96608	0	12
	10	9,60594,00249	4,77292	9,96139,26634	92883	9,64454,73615	5,70175	10,35545,26385	50	
	20	9,60598,77541	4,77228	9,96138,33751	92895	9,64460,43790	5,70123	10,35539,56210	40	
	30	9,60603,54769	4,77165	9,96137,40856	92907	9,64466,13913	5,70072	10,35533,86087	30	
	40	9,60608,31934	4,77102	9,96136,47949	92919	9,64471,83985	5,70021	10,35528,16015	20	
	50	9,60613,09036	4,77042	9,96135,55030	92932	9,64477,54006	5,69974	10,35522,45994	10	
49	0	9,60617,86078	4,76979	9,96134,62098	92944	9,64483,23980	5,69923	10,35516,76020	0	11
	10	9,60622,63057	4,76916	9,96133,69154	92956	9,64488,93903	5,69872	10,35511,06097	50	
	20	9,60627,39973	4,76852	9,96132,76198	92968	9,64494,63775	5,69820	10,35505,36225	40	
	30	9,60632,16825	4,76789	9,96131,83230	92980	9,64500,33595	5,69769	10,35499,66405	30	
	40	9,60636,93614	4,76727	9,96130,90250	92992	9,64506,03364	5,69719	10,35493,96636	20	
	50	9,60641,70341	4,76666	9,96129,97258	93005	9,64511,73083	5,69671	10,35488,26917	10	
50	0	9,60646,47007	4,76602	9,96129,04253	93017	9,64517,42754	5,69619	10,35482,57246	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

23 M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,60646,47007	4,76602	9,96129,04253	93017	9,64517,42754	5,69619	10,35482,57246	0	10
	10	9,60651,23609	4,76540	9,96128,11236	93029	9,64523,12373	5,69569	10,35476,87627	50	
	20	9,60656,00149	4,76478	9,96127,18207	93041	9,64528,81942	5,69519	10,35471,18058	40	
	30	9,60660,76627	4,76415	9,96126,25166	93054	9,64534,51461	5,69469	10,35465,48539	30	
	40	9,60665,53042	4,76352	9,96125,32112	93066	9,64540,20930	5,69418	10,35459,79070	20	
	50	9,60670,29394	4,76292	9,96124,39046	93078	9,64545,90348	5,69370	10,35454,09652	10	
51	0	9,60675,05686	4,76229	9,96123,45968	93090	9,64551,59718	5,69319	10,35448,40282	0	9
	10	9,60679,81915	4,76165	9,96122,52878	93102	9,64557,29037	5,69267	10,35442,70963	50	
	20	9,60684,58080	4,76102	9,96121,59776	93115	9,64562,98304	5,69217	10,35437,01696	40	
	30	9,60689,34182	4,76040	9,96120,66661	93127	9,64568,67521	5,69167	10,35431,32479	30	
	40	9,60694,10222	4,75979	9,96119,73534	93139	9,64574,36688	5,69118	10,35425,63312	20	
	50	9,60698,86201	4,75916	9,96118,80395	93151	9,64580,05806	5,69067	10,35419,94194	10	
52	0	9,60703,62117	4,75853	9,96117,87244	93163	9,64585,74873	5,69016	10,35414,25127	0	8
	10	9,60708,37970	4,75792	9,96116,94081	93176	9,64591,43889	5,68968	10,35408,56111	50	
	20	9,60713,13762	4,75729	9,96116,00905	93188	9,64597,12857	5,68917	10,35402,87143	40	
	30	9,60717,89491	4,75667	9,96115,07717	93200	9,64602,81774	5,68867	10,35397,18226	30	
	40	9,60722,65158	4,75604	9,96114,14517	93212	9,64608,50641	5,68816	10,35391,49359	20	
	50	9,60727,40762	4,75541	9,96113,21305	93224	9,64614,19457	5,68765	10,35385,80543	10	
53	0	9,60732,16303	4,75479	9,96112,28081	93237	9,64619,88222	5,68716	10,35380,11778	0	7
	10	9,60736,91782	4,75417	9,96111,34844	93249	9,64625,56938	5,68666	10,35374,43062	50	
	20	9,60741,67199	4,75356	9,96110,41595	93261	9,64631,25604	5,68617	10,35368,74396	40	
	30	9,60746,42555	4,75293	9,96109,48334	93273	9,64636,94221	5,68566	10,35363,05779	30	
	40	9,60751,17848	4,75230	9,96108,55061	93285	9,64642,62787	5,68515	10,35357,37213	20	
	50	9,60755,93078	4,75169	9,96107,61776	93298	9,64648,31302	5,68467	10,35351,68698	10	
54	0	9,60760,68247	4,75107	9,96106,68478	93310	9,64653,99769	5,68417	10,35346,00231	0	6
	10	9,60765,43354	4,75045	9,96105,75168	93322	9,64659,68186	5,68367	10,35340,31814	50	
	20	9,60770,18399	4,74980	9,96104,81846	93334	9,64665,36553	5,68314	10,35334,63447	40	
	30	9,60774,93379	4,74919	9,96103,88512	93346	9,64671,04867	5,68265	10,35328,95133	30	
	40	9,60779,68298	4,74859	9,96102,95166	93359	9,64676,73132	5,68218	10,35323,26868	20	
	50	9,60784,43157	4,74796	9,96102,01807	93371	9,64682,41350	5,68167	10,35317,58650	10	
55	0	9,60789,17953	4,74734	9,96101,08436	93383	9,64688,09517	5,68117	10,35311,90483	0	5
	10	9,60793,92687	4,74672	9,96100,15053	93395	9,64693,77634	5,68067	10,35306,22366	50	
	20	9,60798,67359	4,74608	9,96099,21658	93408	9,64699,45701	5,68016	10,35300,54299	40	
	30	9,60803,41967	4,74545	9,96098,28250	93420	9,64705,13717	5,67965	10,35294,86283	30	
	40	9,60808,16512	4,74484	9,96097,34830	93432	9,64710,81682	5,67916	10,35289,18318	20	
	50	9,60812,90996	4,74425	9,96096,41398	93444	9,64716,49598	5,67869	10,35283,50402	10	
56	0	9,60817,65421	4,74361	9,96095,47954	93456	9,64722,17467	5,67817	10,35277,82533	0	4
	10	9,60822,39782	4,74299	9,96094,54498	93468	9,64727,85284	5,67767	10,35272,14716	50	
	20	9,60827,14081	4,74236	9,96093,61030	93481	9,64733,53051	5,67717	10,35266,46949	40	
	30	9,60831,88317	4,74173	9,96092,67549	93493	9,64739,20768	5,67666	10,35260,79232	30	
	40	9,60836,62490	4,74114	9,96091,74056	93506	9,64744,88434	5,67620	10,35255,11566	20	
	50	9,60841,36604	4,74053	9,96090,80550	93518	9,64750,56054	5,67571	10,35249,43946	10	
57	0	9,60846,10657	4,73991	9,96089,87032	93530	9,64756,23625	5,67521	10,35243,76375	0	3
	10	9,60850,84648	4,73927	9,96088,93502	93542	9,64761,91146	5,67469	10,35238,08854	50	
	20	9,60855,58575	4,73865	9,96087,99960	93554	9,64767,58615	5,67419	10,35232,41385	40	
	30	9,60860,32440	4,73804	9,96087,06406	93567	9,64773,26034	5,67371	10,35226,73966	30	
	40	9,60865,06244	4,73741	9,96086,12839	93579	9,64778,93405	5,67320	10,35221,06595	20	
	50	9,60869,79985	4,73679	9,96085,19260	93590	9,64784,60725	5,67269	10,35215,39275	10	
58	0	9,60874,53664	4,73618	9,96084,25670	93603	9,64790,27994	5,67221	10,35209,72006	0	2
	10	9,60879,27282	4,73557	9,96083,32067	93616	9,64795,95215	5,67173	10,35204,04785	50	
	20	9,60884,00839	4,73494	9,96082,38451	93628	9,64801,62388	5,67122	10,35198,37612	40	
	30	9,60888,74333	4,73432	9,96081,44823	93640	9,64807,29510	5,67072	10,35192,70490	30	
	40	9,60893,47765	4,73370	9,96080,51183	93652	9,64812,96582	5,67022	10,35187,03418	20	
	50	9,60898,21135	4,73310	9,96079,57531	93664	9,64818,63604	5,66974	10,35181,36396	10	
59	0	9,60902,94445	4,73248	9,96078,63867	93676	9,64824,30578	5,66924	10,35175,69422	0	1
	10	9,60907,67693	4,73186	9,96077,70191	93689	9,64829,97502	5,66875	10,35170,02498	50	
	20	9,60912,40879	4,73121	9,96076,76502	93701	9,64835,64377	5,66822	10,35164,35623	40	
	30	9,60917,14000	4,73060	9,96075,82801	93713	9,64841,31199	5,66773	10,35158,68801	30	
	40	9,60921,87060	4,72999	9,96074,89088	93725	9,64846,97972	5,66724	10,35153,02028	20	
	50	9,60926,60059	4,72940	9,96073,95363	93738	9,64852,64696	5,66678	10,35147,35304	10	
60	0	9,60931,32999	4,72877	9,96073,01625	93750	9,64858,31374	5,66627	10,35141,68626	0	0
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,60931,32999	4,72877	9,96073,01625	93750	9,64858,31374	5,66627	10,35141,68626	0	60
	10	9,60936,05876	4,72815	9,96072,07875	93762	9,64863,98001	5,66577	10,35136,01999	50	
	20	9,60940,78691	4,72752	9,96071,14113	93774	9,64869,64578	5,66526	10,35130,35422	40	
	30	9,60945,51443	4,72691	9,96070,20339	93786	9,64875,31104	5,66477	10,35124,68896	30	
	40	9,60950,24134	4,72630	9,96069,26553	93799	9,64880,97581	5,66429	10,35119,02419	20	
	50	9,60954,96764	4,72568	9,96068,32754	93811	9,64886,64010	5,66379	10,35113,35990	10	
1	0	9,60959,69332	4,72508	9,96067,38943	93823	9,64892,30389	5,66331	10,35107,69611	0	59
	10	9,60964,41840	4,72444	9,96066,45120	93835	9,64897,96720	5,66279	10,35102,03280	50	
	20	9,60969,14284	4,72382	9,96065,51285	93848	9,64903,62999	5,66230	10,35096,37001	40	
	30	9,60973,86666	4,72321	9,96064,57437	93860	9,64909,29229	5,66181	10,35090,70771	30	
	40	9,60978,58987	4,72260	9,96063,63577	93872	9,64914,95410	5,66132	10,35085,04590	20	
	50	9,60983,31247	4,72200	9,96062,69705	93885	9,64920,61542	5,66085	10,35079,38458	10	
2	0	9,60988,03447	4,72138	9,96061,75820	93897	9,64926,27627	5,66035	10,35073,72373	0	58
	10	9,60992,75585	4,72076	9,96060,81923	93909	9,64931,93662	5,65985	10,35068,06338	50	
	20	9,60997,47661	4,72014	9,96059,88014	93921	9,64937,59647	5,65935	10,35062,40353	40	
	30	9,61002,19675	4,71952	9,96058,94093	93933	9,64943,25582	5,65885	10,35056,74418	30	
	40	9,61006,91627	4,71892	9,96058,00160	93946	9,64948,91467	5,65838	10,35051,08533	20	
	50	9,61011,63519	4,71829	9,96057,06214	93958	9,64954,57305	5,65787	10,35045,42695	10	
3	0	9,61016,35348	4,71767	9,96056,12256	93970	9,64960,23092	5,65737	10,35039,76908	0	57
	10	9,61021,07115	4,71708	9,96055,18286	93983	9,64965,88829	5,65691	10,35034,11171	50	
	20	9,61025,78823	4,71646	9,96054,24303	93995	9,64971,54520	5,65641	10,35028,45480	40	
	30	9,61030,50469	4,71585	9,96053,30308	94007	9,64977,20161	5,65592	10,35022,79839	30	
	40	9,61035,22054	4,71522	9,96052,36301	94019	9,64982,85753	5,65541	10,35017,14247	20	
	50	9,61039,93576	4,71459	9,96051,42282	94031	9,64988,51294	5,65490	10,35011,48706	10	
4	0	9,61044,65035	4,71399	9,96050,48251	94043	9,64994,16784	5,65442	10,35005,83216	0	56
	10	9,61049,36434	4,71339	9,96049,54208	94056	9,64999,82226	5,65395	10,35000,17774	50	
	20	9,61054,07773	4,71277	9,96048,60152	94068	9,65005,47621	5,65345	10,34994,52379	40	
	30	9,61058,79050	4,71215	9,96047,66084	94080	9,65011,12966	5,65295	10,34988,87034	30	
	40	9,61063,50265	4,71154	9,96046,72004	94093	9,65016,78261	5,65247	10,34983,21739	20	
	50	9,61068,21419	4,71094	9,96045,77911	94105	9,65022,43508	5,65199	10,34977,56492	10	
5	0	9,61072,92513	4,71032	9,96044,83806	94117	9,65028,08707	5,65149	10,34971,91293	0	55
	10	9,61077,63545	4,70970	9,96043,89689	94129	9,65033,73856	5,65099	10,34966,26144	50	
	20	9,61082,34515	4,70909	9,96042,95560	94142	9,65039,38955	5,65051	10,34960,61045	40	
	30	9,61087,05424	4,70847	9,96042,01418	94154	9,65045,04006	5,65001	10,34954,95994	30	
	40	9,61091,76271	4,70786	9,96041,07264	94166	9,65050,69007	5,64952	10,34949,30993	20	
	50	9,61096,47057	4,70726	9,96040,13098	94178	9,65056,33959	5,64904	10,34943,66041	10	
6	0	9,61101,17783	4,70664	9,96039,18920	94190	9,65061,98863	5,64854	10,34938,01137	0	54
	10	9,61105,88447	4,70604	9,96038,24730	94203	9,65067,63717	5,64807	10,34932,36283	50	
	20	9,61110,59051	4,70540	9,96037,30527	94215	9,65073,28524	5,64755	10,34926,71476	40	
	30	9,61115,29591	4,70479	9,96036,36312	94227	9,65078,93279	5,64706	10,34921,06721	30	
	40	9,61120,00070	4,70420	9,96035,42085	94240	9,65084,57985	5,64660	10,34915,42015	20	
	50	9,61124,70490	4,70359	9,96034,47845	94252	9,65090,22645	5,64611	10,34909,77355	10	
7	0	9,61129,40849	4,70297	9,96033,53593	94264	9,65095,87256	5,64561	10,34904,12744	0	53
	10	9,61134,11146	4,70236	9,96032,59329	94276	9,65101,51817	5,64512	10,34898,48183	50	
	20	9,61138,81382	4,70175	9,96031,65053	94289	9,65107,16329	5,64464	10,34892,83671	40	
	30	9,61143,51557	4,70113	9,96030,70764	94301	9,65112,80793	5,64414	10,34887,19207	30	
	40	9,61148,21670	4,70053	9,96029,76463	94313	9,65118,45207	5,64366	10,34881,54793	20	
	50	9,61152,91723	4,69992	9,96028,82150	94325	9,65124,09573	5,64317	10,34875,90427	10	
8	0	9,61157,61715	4,69930	9,96027,87825	94337	9,65129,73890	5,64267	10,34870,26110	0	52
	10	9,61162,31645	4,69869	9,96026,93488	94349	9,65135,38157	5,64218	10,34864,61843	50	
	20	9,61167,01514	4,69808	9,96025,99139	94362	9,65141,02375	5,64170	10,34858,97625	40	
	30	9,61171,71322	4,69748	9,96025,04777	94375	9,65146,66545	5,64123	10,34853,33455	30	
	40	9,61176,41070	4,69687	9,96024,10402	94387	9,65152,30668	5,64074	10,34847,69332	20	
	50	9,61181,10757	4,69625	9,96023,16015	94399	9,65157,94742	5,64024	10,34842,05258	10	
9	0	9,61185,80382	4,69564	9,96022,21616	94411	9,65163,58766	5,63975	10,34836,41234	0	51
	10	9,61190,49946	4,69503	9,96021,27205	94423	9,65169,22741	5,63926	10,34830,77259	50	
	20	9,61195,19449	4,69443	9,96020,32782	94436	9,65174,86667	5,63879	10,34825,13333	40	
	30	9,61199,88892	4,69381	9,96019,38346	94448	9,65180,50546	5,63829	10,34819,49454	30	
	40	9,61204,58273	4,69320	9,96018,43898	94460	9,65186,14375	5,63780	10,34813,85625	20	
	50	9,61209,27593	4,69261	9,96017,49438	94473	9,65191,78155	5,63734	10,34808,21845	10	
10	0	9,61213,96854	4,69199	9,96016,54965	94485	9,65197,41889	5,63684	10,34802,58111	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,61213,96854	4,69199	9,96016,54965	94485	9,65197,41889	5,63684	10,34802,58111	0	50
	10	9,61218,66053	4,69139	9,96015,60480	94497	9,65203,05573	5,63636	10,34796,94427	50	
	20	9,61223,35192	4,69076	9,96014,65983	94509	9,65208,69209	5,63585	10,34791,30791	40	
	30	9,61228,04268	4,69015	9,96013,71474	94521	9,65214,32794	5,63536	10,34785,67206	30	
	40	9,61232,73283	4,68956	9,96012,76953	94534	9,65219,96330	5,63490	10,34780,03670	20	
	50	9,61237,42239	4,68894	9,96011,82419	94546	9,65225,59820	5,63440	10,34774,40180	10	
11	0	9,61242,11133	4,68833	9,96010,87873	94558	9,65231,23260	5,63391	10,34768,76740	0	49
	10	9,61246,79966	4,68773	9,96009,93315	94571	9,65236,86651	5,63344	10,34763,13349	50	
	20	9,61251,48739	4,68713	9,96008,98744	94584	9,65242,49995	5,63297	10,34757,50005	40	
	30	9,61256,17452	4,68651	9,96008,04160	94595	9,65248,13292	5,63246	10,34751,86708	30	
	40	9,61260,86103	4,68591	9,96007,09565	94607	9,65253,76538	5,63198	10,34746,23462	20	
	50	9,61265,54694	4,68528	9,96006,14958	94619	9,65259,39736	5,63147	10,34740,60264	10	
12	0	9,61270,23222	4,68470	9,96005,20339	94632	9,65265,02883	5,63102	10,34734,97117	0	48
	10	9,61274,91692	4,68408	9,96004,25707	94644	9,65270,65985	5,63052	10,34729,34015	50	
	20	9,61279,60100	4,68347	9,96003,31063	94657	9,65276,29037	5,63004	10,34723,70963	40	
	30	9,61284,28447	4,68287	9,96002,36406	94669	9,65281,92041	5,62956	10,34718,07959	30	
	40	9,61288,96734	4,68225	9,96001,41737	94681	9,65287,54997	5,62906	10,34712,45003	20	
	50	9,61293,64959	4,68166	9,96000,47056	94693	9,65293,17903	5,62859	10,34706,82097	10	
13	0	9,61298,33125	4,68104	9,95999,52363	94705	9,65298,80762	5,62809	10,34701,19238	0	47
	10	9,61303,01229	4,68044	9,95998,57658	94718	9,65304,43571	5,62762	10,34695,56429	50	
	20	9,61307,69273	4,67984	9,95997,62940	94730	9,65310,06333	5,62714	10,34689,93667	40	
	30	9,61312,37257	4,67923	9,95996,68210	94742	9,65315,69047	5,62665	10,34684,30953	30	
	40	9,61317,05180	4,67863	9,95995,73468	94755	9,65321,31712	5,62618	10,34678,68288	20	
	50	9,61321,73043	4,67801	9,95994,78713	94767	9,65326,94330	5,62568	10,34673,05670	10	
14	0	9,61326,40844	4,67741	9,95993,83946	94779	9,65332,56898	5,62520	10,34667,43102	0	46
	10	9,61331,08585	4,67680	9,95992,89167	94792	9,65338,19418	5,62472	10,34661,80582	50	
	20	9,61335,76265	4,67620	9,95991,94375	94804	9,65343,81890	5,62424	10,34656,18110	40	
	30	9,61340,43885	4,67560	9,95990,99571	94816	9,65349,44314	5,62376	10,34650,55686	30	
	40	9,61345,11445	4,67499	9,95990,04755	94828	9,65355,06690	5,62327	10,34644,93310	20	
	50	9,61349,78944	4,67437	9,95989,09927	94841	9,65360,69017	5,62278	10,34639,30983	10	
15	0	9,61354,46381	4,67377	9,95988,15086	94853	9,65366,31295	5,62230	10,34633,68705	0	45
	10	9,61359,13758	4,67317	9,95987,20233	94865	9,65371,93525	5,62182	10,34628,06475	50	
	20	9,61363,81075	4,67257	9,95986,25368	94877	9,65377,55707	5,62134	10,34622,44293	40	
	30	9,61368,48332	4,67198	9,95985,30491	94890	9,65383,17841	5,62088	10,34616,82159	30	
	40	9,61373,15530	4,67135	9,95984,35601	94902	9,65388,79929	5,62037	10,34611,20071	20	
	50	9,61377,82665	4,67074	9,95983,40699	94914	9,65394,41966	5,61988	10,34605,58034	10	
16	0	9,61382,49739	4,67014	9,95982,45785	94926	9,65400,03954	5,61940	10,34599,96046	0	44
	10	9,61387,16753	4,66955	9,95981,50859	94939	9,65405,65894	5,61894	10,34594,34106	50	
	20	9,61391,83708	4,66894	9,95980,55920	94951	9,65411,27788	5,61845	10,34588,72212	40	
	30	9,61396,50602	4,66833	9,95979,60969	94963	9,65416,89633	5,61796	10,34583,10367	30	
	40	9,61401,17435	4,66774	9,95978,66006	94976	9,65422,51429	5,61750	10,34577,48571	20	
	50	9,61405,84209	4,66713	9,95977,71030	94988	9,65428,13179	5,61701	10,34571,86821	10	
17	0	9,61410,50922	4,66652	9,95976,76042	95000	9,65433,74880	5,61652	10,34566,25120	0	43
	10	9,61415,17574	4,66593	9,95975,81042	95013	9,65439,36532	5,61606	10,34560,63468	50	
	20	9,61419,84167	4,66532	9,95974,86029	95025	9,65444,98138	5,61557	10,34555,01862	40	
	30	9,61424,50699	4,66471	9,95973,91004	95037	9,65450,59695	5,61508	10,34549,40305	30	
	40	9,61429,17170	4,66411	9,95972,95967	95049	9,65456,21203	5,61460	10,34543,78797	20	
	50	9,61433,83581	4,66351	9,95972,00918	95062	9,65461,82663	5,61413	10,34538,17337	10	
18	0	9,61438,49932	4,66290	9,95971,05856	95074	9,65467,44076	5,61364	10,34532,55924	0	42
	10	9,61443,16222	4,66230	9,95970,10782	95086	9,65473,05440	5,61316	10,34526,94560	50	
	20	9,61447,82452	4,66171	9,95969,15696	95098	9,65478,66756	5,61269	10,34521,33244	40	
	30	9,61452,48623	4,66110	9,95968,20598	95111	9,65484,28025	5,61221	10,34515,71975	30	
	40	9,61457,14733	4,66049	9,95967,25487	95123	9,65489,89246	5,61172	10,34510,10754	20	
	50	9,61461,80782	4,65990	9,95966,30364	95136	9,65495,50418	5,61126	10,34504,49582	10	
19	0	9,61466,46772	4,65930	9,95965,35228	95148	9,65501,11544	5,61078	10,34498,88456	0	41
	10	9,61471,12702	4,65869	9,95964,40080	95160	9,65506,72622	5,61029	10,34493,27378	50	
	20	9,61475,78571	4,65808	9,95963,44920	95172	9,65512,33651	5,60980	10,34487,66349	40	
	30	9,61480,44379	4,65749	9,95962,49748	95185	9,65517,94631	5,60934	10,34482,05369	30	
	40	9,61485,10128	4,65689	9,95961,54563	95197	9,65523,55565	5,60886	10,34476,44435	20	
	50	9,61489,75817	4,65629	9,95960,59366	95209	9,65529,16451	5,60838	10,34470,83549	10	
20	0	9,61494,41446	4,65569	9,95959,64157	95222	9,65534,77289	5,60791	10,34465,22711	0	40
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	9,61494,41446	4,65569	9,95959,64157	95222	9,65534,77289	5,60791	10,34465,22711	0	40
	10	9,61499,07015	4,65508	9,95958,68935	95234	9,65540,38080	5,60742	10,34459,61920	50	
	20	9,61503,72523	4,65448	9,95957,73701	95246	9,65545,98822	5,60694	10,34454,01178	40	
	30	9,61508,37971	4,65388	9,95956,78455	95258	9,65551,59516	5,60646	10,34448,40484	30	
	40	9,61513,03359	4,65328	9,95955,83197	95271	9,65557,20162	5,60599	10,34442,79838	20	
	50	9,61517,68687	4,65267	9,95954,87926	95283	9,65562,80761	5,60550	10,34437,19239	10	
21	0	9,61522,33954	4,65207	9,95953,92643	95295	9,65568,41311	5,60502	10,34431,58689	0	39
	10	9,61526,99161	4,65147	9,95952,97348	95307	9,65574,01813	5,60454	10,34425,98187	50	
	20	9,61531,64308	4,65089	9,95952,02041	95320	9,65579,62267	5,60409	10,34420,37733	40	
	30	9,61536,29397	4,65028	9,95951,06721	95332	9,65585,22676	5,60360	10,34414,77324	30	
	40	9,61540,94425	4,64969	9,95950,11389	95345	9,65590,83036	5,60314	10,34409,16964	20	
	50	9,61545,59394	4,64907	9,95949,16044	95357	9,65596,43350	5,60264	10,34403,56650	10	
22	0	9,61550,24301	4,64847	9,95948,20687	95369	9,65602,03614	5,60216	10,34397,96386	0	38
	10	9,61554,89148	4,64787	9,95947,25318	95381	9,65607,63830	5,60168	10,34392,36170	50	
	20	9,61559,53935	4,64730	9,95946,29937	95394	9,65613,23998	5,60124	10,34386,76002	40	
	30	9,61564,18665	4,64668	9,95945,34543	95406	9,65618,84122	5,60074	10,34381,15878	30	
	40	9,61568,83333	4,64608	9,95944,39137	95418	9,65624,44196	5,60026	10,34375,55804	20	
	50	9,61573,47941	4,64548	9,95943,43719	95431	9,65630,04222	5,60979	10,34369,95778	10	
23	0	9,61578,12489	4,64487	9,95942,48288	95443	9,65635,64201	5,59930	10,34364,35799	0	37
	10	9,61582,76976	4,64428	9,95941,52845	95455	9,65641,24131	5,59883	10,34358,75869	50	
	20	9,61587,41404	4.64369	9,95940,57390	95467	9,65646,84014	5,59836	10,34353,15986	40	
	30	9,61592,05773	4,64309	9,95939,61923	95480	9,65652,43850	5,59789	10,34347,56150	30	
	40	9,61596,70082	4,64248	9,95938,66443	95492	9,65658,03639	5,59740	10,34341,96361	20	
	50	9,61601,34330	4,64191	9,95937,70951	95505	9,65663,63379	5,59696	10,34336,36621	10	
24	0	9,61605,98521	4,64130	9,95936,75446	95517	9,65669,23075	5,59647	10,34330,76925	0	36
	10	9,61610,62651	4,64069	9,95935,79929	95529	9,65674,82722	5,59598	10,34325,17278	50	
	20	9,61615,26720	4,64009	9,95934,84400	95541	9,65680,42320	5,59550	10,34319,57680	40	
	30	9,61619,90729	4,63950	9,95933,88859	95554	9,65686,01870	5,59504	10,34313,98130	30	
	40	9,61624,54679	4,63890	9,95932,93305	95566	9,65691,61374	5,59456	10,34308,38626	20	
	50	9,61629,18569	4,63830	9,95931,97739	95578	9,65697,20830	5,59408	10,34302,79170	10	
25	0	9,61633,82399	4,63771	9,95931,02161	95591	9,65702,80238	5,59362	10,34297,19762	0	35
	10	9,61638,46170	4,63711	9,95930,06570	95603	9,65708,39600	5,59314	10,34291,60400	50	
	20	9,61643,09881	4,63651	9,95929,10967	95615	9,65713,98914	5,59266	10,34286,01086	40	
	30	9,61647,73532	4,63591	9,95928,15352	95627	9,65719,58180	5,59218	10,34280,41820	30	
	40	9,61652,37123	4,63532	9,95927,19725	95640	9,65725,17398	5,59172	10,34274,82602	20	
	50	9,61657,00655	4,63472	9,95926,24085	95652	9,65730,76570	5,59124	10,34269,23430	10	
26	0	9,61661,64127	4,63412	9,95925,28433	95664	9,65736,35694	5,59076	10,34263,64306	0	34
	10	9,61666,27539	4,63353	9,95924,32769	95677	9,65741,94770	5,59030	10,34258,05230	50	
	20	9,61670,90892	4,63292	9,95923,37092	95689	9,65747,53800	5,58981	10,34252,46200	40	
	30	9,61675,54184	4,63233	9,95922,41403	95701	9,65753,12781	5,58934	10,34246,87219	30	
	40	9,61680,17417	4,63174	9,95921,45702	95714	9,65758,71715	5,58888	10,34241,28285	20	
	50	9,61684,80591	4,63114	9,95920,49988	95726	9,65764,30603	5,58840	10,34235,69397	10	
27	0	9,61689,43705	4,63054	9,95919,54262	95738	9,65769,89443	5,58792	10,34230,10557	0	33
	10	9,61694,06759	4,62995	9,95918,58524	95751	9,65775,48235	5,58746	10,34224,51765	50	
	20	9,61698,69754	4,62937	9,95917,62773	95763	9,65781,06981	5,58700	10,34218,93019	40	
	30	9,61703,32691	4,62877	9,95916,67010	95775	9,65786,65681	5,58652	10,34213,34319	30	
	40	9,61707,95568	4,62817	9,95915,71235	95788	9,65792,24333	5,58605	10,34207,75667	20	
	50	9,61712,58385	4,62756	9,95914,75447	95800	9,65797,82938	5,58556	10,34202,17062	10	
28	0	9,61717,21141	4,62696	9,95913,79647	95812	9,65803,41494	5,58508	10,34196,58506	0	32
	10	9,61721,83837	4,62639	9,95912,83835	95825	9,65809,00002	5,58464	10,34190,99998	50	
	20	9,61726,46476	4,62579	9,95911,88010	95837	9,65814,58466	5,58416	10,34185,41534	40	
	30	9,61731,09055	4,62519	9,95910,92173	95849	9,65820,16882	5,58368	10,34179,83118	30	
	40	9,61735,71574	4,62460	9,95909,96324	95862	9,65825,75250	5,58322	10,34174,24750	20	
	50	9,61740,34034	4,62399	9,95909,00462	95874	9,65831,33572	5,58273	10,34168,66428	10	
29	0	9,61744,96433	4,62340	9,95908,04588	95886	9,65836,91845	5,58226	10,34163,08155	0	31
	10	9,61749,58773	4,62280	9,95907,08702	95898	9,65842,50071	5,58178	10,34157,49929	50	
	20	9,61754,21053	4,62223	9,95906,12804	95911	9,65848,08249	5,58134	10,34151,91751	40	
	30	9,61758,83276	4,62163	9,95905,16893	95923	9,65853,66383	5,58086	10,34146,33617	30	
	40	9,61763,45439	4,62104	9,95904,20970	95936	9,65859,24469	5,58040	10,34140,75531	20	
	50	9,61768,07543	4,62043	9,95903,25034	95948	9,65864,82509	5,57991	10,34135,17491	10	
30	0	9,61772,69586	4,61984	9,95902,29086	95960	9,65870,40500	5,57944	10,34129,59500	0	30
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,61772,69586	4,61984	9,95902,29086	95960	9,65870,40500	5,57944	10,34129,59500	0	30
	10	9,61777,31570	4,61925	9,95901,33126	95973	9,65875,98444	5,57898	10,34124,01556	50	
	20	9,61781,93495	4,61867	9,95900,37153	95985	9,65881,56342	5,57852	10,34118,43658	40	
	30	9,61786,55362	4,61807	9,95899,41168	95997	9,65887,14194	5,57804	10,34112,85806	30	
	40	9,61791,17169	4,61747	9,95898,45171	96009	9,65892,71998	5,57756	10,34107,28002	20	
	50	9,61795,78916	4,61686	9,95897,49162	96022	9,65898,29754	5,57708	10,34101,70246	10	
31	0	9,61800,40602	4,61628	9,95896,53140	96034	9,65903,87462	5,57662	10,34096,12538	0	29
	10	9,61805,02230	4,61568	9,95895,57106	96046	9,65909,45124	5,57614	10,34090,54876	50	
	20	9,61809,63798	4,61511	9,95894,61060	96059	9,65915,02738	5,57570	10,34084;97262	40	
	30	9,61814,25309	4,61451	9,95893,65001	96071	9,65920,60308	5,57522	10,34079,39692	30	
	40	9,61818,86760	4,61392	9,95892,68930	96084	9,65926,17830	5,57476	10,34073,82170	20	
	50	9,61823,48152	4,61332	9,95891,72846	96096	9,65931,75306	5,57428	10,34068,24694	10	
32	0	9,61828,09484	4,61272	9,95890,76750	96108	9,65937,32734	5,57380	10,34062,67266	0	28
	10	9,61832,70756	4,61213	9,95889,80642	96120	9,65942,90114	5,57333	10,34057,09886	50	
	20	9,61837,31969	4,61155	9,95888,84522	96133	9,65948,47447	5,57288	10,34051,52553	40	
	30	9,61841,93124	4,61095	9,95887,88389	96145	9,65954,04735	5,57240	10,34045,95265	30	
	40	9,61846,54219	4,61036	9,95886,92244	96158	9,65959,61975	5,57194	10,34040,38025	20	
	50	9,61851,15255	4,60978	9,95885,96086	96170	9,65965,19169	5,57148	10,34034,80831	10	
33	0	9,61855,76233	4,60918	9,95884,99916	96182	9,65970,76317	5,57100	10,34029,23683	0	27
	10	9,61860,37151	4,60859	9,95884,03734	96195	9,65976,33417	5,57054	10,34023,66583	50	
	20	9,61864,98010	4 60801	9,95883,07539	96207	9,65981,90471	5,57008	10,34018,09529	40	
	30	9,61869,58811	4,60741	9,95882,11332	96219	9,65987,47479	5,56960	10,34012,52521	30	
	40	9,61874,19552	4,60682	9,95881,15113	96232	9,65993,04439	5,56914	10,34006,95561	20	
	50	9,61878,80234	4,60622	9,95880,18881	96244	9,65998,61353	5,56866	10,34001,38647	10	
34	0	9,61883,40856	4,60562	9,95879,22637	96256	9,66004,18219	5,56818	10,33995,81781	0	26
	10	9,61888,01418	4,60504	9,95878,26381	96268	9,66009,75037	5,56772	10,33990,24963	50	
	20	9,61892,61922	4,60447	9,95877,30113	96281	9,66015,31809	5,56728	10,33984,68191	40	
	30	9,61897,22369	4,60387	9,95876,33832	96293	9,66020,88537	5,56680	10,33979,11463	30	
	40	9,61901,82756	4,60328	9,95875,37539	96306	9,66026,45217	5,56634	10,33973,54783	20	
	50	9,61906,43084	4,60268	9,95874,41233	96318	9,66032,01851	5,56586	10,33967,98149	10	
35	0	9,61911,03352	4,60208	9,95873,44915	96330	9,66037,58437	5,56538	10,33962,41563	0	25
	10	9,61915,63560	4,60151	9,95872,48585	96343	9,66043,14975	5,56494	10,33956,85025	50	
	20	9,61920,23711	4,60092	9,95871,52242	96355	9,66048,71469	5,56447	10,33951,28531	40	
	30	9,61924,83803	4,60034	9,95870,55887	96368	9,66054,27916	5,56402	10,33945,72084	30	
	40	9,61929,43837	4,59973	9,95869,59519	96379	9,66059,84318	5,56352	10,33940,15682	20	
	50	9,61934,03810	4,59914	9,95868,63140	96392	9,66065,40670	5,56306	10,33934,59330	10	
36	0	9,61938,63724	4,59856	9,95867,66748	96405	9,66070,96976	5,56261	10,33929,03024	0	24
	10	9,61943,23580	4,59797	9,95866,70343	96417	9,66076,53237	5,56214	10,33923,46763	50	
	20	9,61947,83377	4,59738	9,95865,73926	96429	9,66082,09451	5,56167	10,33917,90549	40	
	30	9,61952,43115	4,59679	9,95864,77497	96441	9,66087,65618	5,56120	10,33912,34382	30	
	40	9,61957,02794	4,59620	9,95863,81056	96454	9,66093,21738	5,56074	10,33906,78262	20	
	50	9,61961,62414	4,59562	9,95862,84602	96466	9,66098,77812	5,56028	10,33901,22188	10	
37	0	9,61966,21976	4,59503	9,95861,88136	96479	9,66104,33840	5,55982	10,33895,66160	0	23
	10	9,61970,81479	4,59444	9,95860,91657	96491	9,66109,89822	5,55935	10,33890,10178	50	
	20	9,61975,40923	4,59385	9,95859,95166	96503	9,66115,45757	5,55888	10,33884,54243	40	
	30	9,61980,00308	4,59325	9,95858,98663	96515	9,66121,01645	5,55840	10,33878,98355	30	
	40	9,61984,59633	4,59268	9,95858,02148	96528	9,66126,57485	5,55796	10,33873,42515	20	
	50	9,61989,18901	4,59208	9,95857,05620	96540	9,66132,13281	5,55748	10,33867,86719	10	
38	0	9,61993,78109	4,59148	9,95856,09080	96552	9,66137,69029	5,55700	10,33862,30971	0	22
	10	9,61998,37257	4,59092	9,95855,12528	96565	9,66143,24729	5,55657	10,33856,75271	50	
	20	9,62002,96349	4,59033	9,95854,15963	96577	9,66148,80386	5,55610	10,33851,19614	40	
	30	9,62007,55382	4,58974	9,95853,19386	96590	9,66154,35996	5,55564	10,33845,64004	30	
	40	9,62012,14356	4,58916	9,95852,22796	96602	9,66159,91560	5,55518	10,33840,08440	20	
	50	9,62016,73272	4,58856	9,95851,26194	96614	9,66165,47078	5,55470	10,33834,52922	10	
39	0	9,62021,32128	4,58797	9,95850,29580	96627	9,66171,02548	5,55424	10,33828,97452	0	21
	10	9,62025,90925	4,58739	9,95849,32953	96639	9,66176,57972	5,55378	10,33823,42028	50	
	20	9,62030,49664	4,58681	9,95848,36314	96651	9,66182,13350	5,55332	10,33817,86650	40	
	30	9,62035,08345	4,58622	9,95847,39663	96664	9,66187,68682	5,55286	10,33812,31318	30	
	40	9,62039,66967	4,58562	9,95846,42999	96676	9,66193,23968	5,55238	10,33806,76032	20	
	50	9,62044,25529	4,58505	9,95845,46323	96689	9,66198,79206	5,55194	10,33801,20794	10	
40	0	9,62048,84034	4,58445	9,95844,49634	96701	9,66204,34400	5,55146	10,33795,65600	0	20
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,62048,84034	4,58445	9,95844,49634	96701	9,66204,34400	5,55146	10,33795,65600	0	20
	10	9,62053,42479	4,58387	9,95843,52933	96713	9,66209,89546	5,55100	10,33790,10454	50	
	20	9,62058,00866	4,58330	9,95842,56220	96726	9,66215,44646	5,55056	10,33784,55354	40	
	30	9,62062,59196	4,58270	9,95841,59494	96738	9,66220,99702	5,55008	10,33779,00298	30	
	40	9,62067,17466	4,58211	9,95840,62756	96750	9,66226,54710	5,54961	10,33773,45290	20	
	50	9,62071,75677	4,58153	9,95839,66006	96763	9,66232,09671	5,54916	10,33767,90329	10	
41	0	9,62076,33830	4,58093	9,95838,69243	96775	9,66237,64587	5,54868	10,33762,35413	0	19
	10	9,62080,91923	4,58036	9,95837,72468	96787	9,66243,19455	5,54823	10,33756,80545	50	
	20	9,62085,49959	4,57978	9,95836,75681	96800	9,66248,74278	5,54778	10,33751,25722	40	
	30	9,62090,07937	4,57918	9,95835,78881	96812	9,66254,29056	5,54730	10,33745,70944	30	
	40	9,62094,65855	4,57861	9,95834,82069	96825	9,66259,83786	5,54686	10,33740,16214	20	
	50	9,62099,23716	4,57803	9,95833,85244	96837	9,66265,38472	5,54640	10,33734,61528	10	
42	0	9,62103,81519	4,57743	9,95832,88407	96849	9,66270,93112	5,54592	10,33729,06888	0	18
	10	9,62108,39262	4,57686	9,95831,91558	96862	9,66276,47704	5,54548	10,33723,52296	50	
	20	9,62112,96948	4,57626	9,95830,94696	96874	9,66282,02252	5,54500	10,33717,97748	40	
	30	9,62117,54574	4,57568	9,95829,97822	96886	9,66287,56752	5,54454	10,33712,43248	30	
	40	9,62122,12142	4,57511	9,95829,00936	96899	9,66293,11206	5,54410	10,33706,88794	20	
	50	9,62126,69653	4,57451	9,95828,04037	96911	9,66298,65616	5,54362	10,33701,34384	10	
43	0	9,62131,27104	4,57392	9,95827,07126	96923	9,66304,19978	5,54315	10,33695,80022	0	17
	10	9,62135,84496	4,57335	9,95826,10203	96936	9,66309,74293	5,54271	10,33690,25707	50	
	20	9,62140,41831	4,57276	9,95825,13267	96948	9,66315,28564	5,54224	10,33684,71436	40	
	30	9,62144,99107	4,57218	9,95824,16319	96961	9,66320,82788	5,54179	10,33679,17212	30	
	40	9,62149,56325	4,57159	9,95823,19358	96973	9,66326,36967	5,54132	10,33673,63033	20	
	50	9,62154,13484	4,57101	9,95822,22385	96985	9,66331,91099	5,54086	10,33668,08901	10	
44	0	9,62158,70585	4,57043	9,95821,25400	96998	9,66337,45185	5,54041	10,33662,54815	0	16
	10	9,62163,27628	4,56985	9,95820,28402	97010	9,66342,99226	5,53995	10,33657,00774	50	
	20	9,62167,84613	4,56927	9,95819,31392	97023	9,66348,53221	5,53950	10,33651,46779	40	
	30	9,62172,41540	4,56868	9,95818,34369	97035	9,66354,07171	5,53903	10,33645,92829	30	
	40	9,62176,98408	4,56809	9,95817,37334	97047	9,66359,61074	5,53856	10,33640,38926	20	
	50	9,62181,55217	4,56751	9,95816,40287	97059	9,66365,14930	5,53810	10,33634,85070	10	
45	0	9,62186,11968	4,56693	9,95815,43228	97072	9,66370,68740	5,53765	10,33629,31260	0	15
	10	9,62190,68661	4,56635	9,95814,46156	97084	9,66376,22505	5,53719	10,33623,77495	50	
	20	9,62195,25296	4,56577	9,95813,49072	97097	9,66381,76224	5,53674	10,33618,23776	40	
	30	9,62199,81873	4,56518	9,95812,51975	97109	9,66387,29898	5,53627	10,33612,70102	30	
	40	9,62204,38391	4,56460	9,95811,54866	97121	9,66392,83525	5,53581	10,33607,16475	20	
	50	9,62208,94851	4,56404	9,95810,57745	97134	9,66398,37106	5,53538	10,33601,62894	10	
46	0	9,62213,51255	4,56344	9,95809,60611	97146	9,66403,90644	5,53490	10,33596,09356	0	14
	10	9,62218,07599	4,56286	9,95808,63465	97158	9,66409,44134	5,53444	10,33590,55866	50	
	20	9,62222,63885	4,56227	9,95807,66307	97171	9,66414,97578	5,53398	10,33585,02422	40	
	30	9,62227,20112	4,56169	9,95806,69136	97183	9,66420,50976	5,53352	10,33579,49024	30	
	40	9,62231,76281	4,56111	9,95805,71953	97196	9,66426,04328	5,53307	10,33573,95672	20	
	50	9,62236,32392	4,56055	9,95804,74757	97209	9,66431,57635	5,53264	10,33568,42365	10	
47	0	9,62240,88447	4,55995	9,95803,77548	97220	9,66437,10899	5,53215	10,33562,89101	0	13
	10	9,62245,44442	4,55938	9,95802,80328	97233	9,66442,64114	5,53171	10,33557,35886	50	
	20	9,62250,00380	4,55879	9,95801,83095	97245	9,66448,17285	5,53124	10,33551,82715	40	
	30	9,62254,56259	4,55821	9,95800,85850	97258	9,66453,70409	5,53079	10,33546,29591	30	
	40	9,62259,12080	4,55763	9,95799,88592	97270	9,66459,23488	5,53033	10,33540,76512	20	
	50	9,62263,67843	4,55706	9,95798,91322	97283	9,66464,76521	5,52989	10,33535,23479	10	
48	0	9,62268,23549	4,55647	9,95797,94039	97295	9,66470,29510	5,52942	10,33529,70490	0	12
	10	9,62272,79196	4,55589	9,95796,96744	97307	9,66475,82452	5,52896	10,33524,17548	50	
	20	9,62277,34785	4,55531	9,95795,99437	97320	9,66481,35348	5,52851	10,33518,64652	40	
	30	9,62281,90316	4,55472	9,95795,02117	97332	9,66486,88199	5,52804	10,33513,11801	30	
	40	9,62286,45788	4,55415	9,95794,04785	97344	9,66492,41003	5,52759	10,33507,58997	20	
	50	9,62291,01203	4,55358	9,95793,07441	97357	9,66497,93762	5,52715	10,33502,06238	10	
49	0	9,62295,56561	4,55300	9,95792,10084	97369	9,66503,46477	5,52669	10,33496,53523	0	11
	10	9,62300,11861	4,55242	9,95791,12715	97382	9,66508,99146	5,52624	10,33491,00854	50	
	20	9,62304,67103	4,55182	9,95790,15333	97394	9,66514,51770	5,52576	10,33485,48230	40	
	30	9,62309,22285	4,55124	9,95789,17939	97406	9,66520,04346	5,52530	10,33479,95654	30	
	40	9,62313,77409	4,55068	9,95788,20533	97419	9,66525,56876	5,52487	10,33474,43124	20	
	50	9,62318,32477	4,55011	9,95787,23114	97431	9,66531,09363	5,52442	10,33468,90637	10	
50	0	9,62322,87488	4,54952	9,95786,25683	97444	9,66536,61805	5,52396	10,33463,38195	0	10
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,62322,87488	4,54952	9,95786,25683	97444	9,66536,61805	5,52396	10,33463,38195	0	10
	10	9,62327,42440	4,54894	9,95785,28239	97456	9,66542,14201	5,52350	10,33457,85799	50	
	20	9,62331,97334	4,54836	9,95784,30783	97468	9,66547,66551	5,52304	10,33452,33449	40	
	30	9,62336,52170	4,54779	9,95783,33315	97481	9,66553,18855	5,52260	10,33446,81145	30	
	40	9,62341,06949	4,54721	9,95782,35834	97493	9,66558,71115	5,52214	10,33441,28885	20	
	50	9,62345,61670	4,54661	9,95781,38341	97505	9,66564,23329	5,52166	10,33435,76671	10	
51	0	9,62350,16331	4,54602	9,95780,40836	97517	9,66569,75495	5,52119	10,33430,24505	0	9
	10	9,62354,70933	4,54547	9,95779,43319	97530	9,66575,27614	5,52077	10,33424,72386	50	
	20	9,62359,25480	4,54491	9,95778,45789	97543	9,66580,79691	5,52034	10,33419,20309	40	
	30	9,62363,79971	4,54430	9,95777,48246	97555	9,66586,31725	5,51985	10,33413,68275	30	
	40	9,62368,34401	4,54375	9,95776,50691	97568	9,66591,83710	5,51943	10,33408,16290	20	
	50	9,62372,88776	4,54317	9,95775,53123	97580	9,66597,35653	5,51897	10,33402,64347	10	
52	0	9,62377,43093	4,54258	9,95774,55543	97593	9,66602,87550	5,51851	10,33397,12450	0	8
	10	9,62381,97351	4,54201	9,95773,57950	97605	9,66608,39401	5,51806	10,33391,60599	50	
	20	9,62386,51552	4,54144	9,95772,60345	97617	9,66613,91207	5,51761	10,33386,08793	40	
	30	9,62391,05696	4,54084	9,95771,62728	97629	9,66619,42968	5,51713	10,33380,57032	30	
	40	9,62395,59780	4,54027	9,95770,65099	97642	9,66624,94681	5,51669	10,33375,05319	20	
	50	9,62400,13807	4,53970	9,95769,67457	97654	9,66630,46350	5,51624	10,33369,53650	10	
53	0	9,62404,67777	4,53913	9,95768,69803	97667	9,66635,97974	5,51580	10,33364,02026	0	7
	10	9,62409,21690	4,53855	9,95767,72136	97679	9,66641,49554	5,51534	10,33358,50446	50	
	20	9,62413,75545	4,53795	9,95766,74457	97691	9,66647,01088	5,51486	10,33352,98912	40	
	30	9,62418,29340	4,53739	9,95765,76766	97704	9,66652,52574	5,51443	10,33347,47426	30	
	40	9,62422,83079	4,53681	9,95764,79062	97716	9,66658,04017	5,51397	10,33341,95983	20	
	50	9,62427,36760	4,53625	9,95763,81346	97729	9,66663,55414	5,51354	10,33336,44586	10	
54	0	9,62431,90385	4,53567	9,95762,83617	97741	9,66669,06768	5,51308	10,33330,93232	0	6
	10	9,62436,43952	4,53510	9,95761,85876	97754	9,66674,58076	5,51264	10,33325,41924	50	
	20	9,62440,97462	4,53450	9,95760,88122	97766	9,66680,09340	5,51216	10,33319,90660	40	
	30	9,62445,50912	4,53392	9,95759,90356	97778	9,66685,60556	5,51170	10,33314,39444	30	
	40	9,62450,04304	4,53336	9,95758,92578	97791	9,66691,11726	5,51127	10,33308,88274	20	
	50	9,62454,57640	4,53280	9,95757,94787	97803	9,66696,62853	5,51083	10,33303,37147	10	
55	0	9,62459,10920	4,53223	9,95756,96984	97816	9,66702,13936	5,51039	10,33297,86064	0	5
	10	9,62463,64143	4,53164	9,95755,99168	97828	9,66707,64975	5,50992	10,33292,35025	50	
	20	9,62468,17307	4,53104	9,95755,01340	97840	9,66713,15967	5,50944	10,33286,84033	40	
	30	9,62472,70411	4,53048	9,95754,03500	97853	9,66718,66911	5,50901	10,33281,33089	30	
	40	9,62477,23459	4,52992	9,95753,05647	97865	9,66724,17812	5,50857	10,33275,82188	20	
	50	9,62481,76451	4,52934	9,95752,07782	97878	9,66729,68669	5,50812	10,33270,31331	10	
56	0	9,62486,29385	4,52876	9,95751,09904	97890	9,66735,19481	5,50766	10,33264,80519	0	4
	10	9,62490,82261	4,52820	9,95750,12014	97903	9,66740,70247	5,50723	10,33259,29753	50	
	20	9,62495,35081	4,52762	9,95749,14111	97915	9,66746,20970	5,50677	10,33253,79030	40	
	30	9,62499,87843	4,52704	9,95748,16196	97927	9,66751,71647	5,50631	10,33248,28353	30	
	40	9,62504,40547	4,52647	9,95747,18269	97940	9,66757,22278	5,50587	10,33242,77722	20	
	50	9,62508,93194	4,52590	9,95746,20329	97952	9,66762,72865	5,50542	10,33237,27135	10	
57	0	9,62513,45784	4,52532	9,95745,22377	97964	9,66768,23407	5,50496	10,33231,76593	0	3
	10	9,62517,98316	4,52475	9,95744,24413	97977	9,66773,73903	5,50452	10,33226,26097	50	
	20	9,62522,50791	4,52416	9,95743,26436	97989	9,66779,24355	5,50405	10,33220,75645	40	
	30	9,62527,03207	4,52359	9,95742,28447	98002	9,66784,74760	5,50361	10,33215,25240	30	
	40	9,62531,55566	4,52303	9,95741,30445	98014	9,66790,25121	5,50317	10,33209,74879	20	
	50	9,62536,07869	4,52246	9,95740,32431	98027	9,66795,75438	5,50273	10,33204,24562	10	
58	0	9,62540,60115	4,52188	9,95739,34404	98039	9,66801,25711	5,50227	10,33198,74289	0	2
	10	9,62545,12303	4,52131	9,95738,36365	98052	9,66806,75938	5,50183	10,33193,24062	50	
	20	9,62549,64434	4,52073	9,95737,38313	98064	9,66812,26121	5,50137	10,33187,73879	40	
	30	9,62554,16507	4,52015	9,95736,40249	98076	9,66817,76258	5,50091	10,33182,23742	30	
	40	9,62558,68522	4,51960	9,95735,42173	98089	9,66823,26349	5,50049	10,33176,73651	20	
	50	9,62563,20482	4,51902	9,95734,44084	98101	9,66828,76398	5,50003	10,33171,23602	10	
59	0	9,62567,72384	4,51844	9,95733,45983	98114	9,66834,26401	5,49958	10,33165,73599	0	1
	10	9,62572,24228	4,51787	9,95732,47869	98126	9,66839,76359	5,49913	10,33160,23641	50	
	20	9,62576,76015	4,51731	9,95731,49743	98138	9,66845,26272	5,49869	10,33154,73728	40	
	30	9,62581,27746	4,51674	9,95730,51605	98151	9,66850,76141	5,49825	10,33149,23859	30	
	40	9,62585,79420	4,51615	9,95729,53454	98163	9,66856,25966	5,49778	10,33143,74034	20	
	50	9,62590,31035	4,51558	9,95728,55291	98176	9,66861,75744	5,49734	10,33138,24256	10	
60	0	9,62594,82593	4,51501	9,95727,57115	98188	9,66867,25478	5,49689	10,33132,74522	0	0
		Sin. comple.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,63132,58085	4,44728	9,95608,85638	99683	9,67523,72447	5,44411	10,32476,27553	0	40
	10	9,63137,02813	4,44673	9,95607,85955	99696	9,67529,16858	5,44369	10,32470,83142	50	
	20	9,63141,47486	4,44616	9,95606,86259	99709	9,67534,61227	5,44325	10,32465,38773	40	
	30	9,63145,92102	4,44560	9,95605,86550	99721	9,67540,05552	5,44281	10,32459,94448	30	
	40	9,63150,36662	4,44506	9,95604,86829	99734	9,67545,49833	5,44240	10,32454,50167	20	
	50	9,63154,81168	4,44451	9,95603,87095	99746	9,67550,94073	5,44197	10,32449,05927	10	
21	0	9,63159,25619	4,44394	9,95602,87349	99759	9,67556,38270	5,44153	10,32443,61730	0	39
	10	9,63163,70013	4,44338	9,95601,87590	99771	9,67561,82423	5,44109	10,32438,17577	50	
	20	9,63168,14351	4,44283	9,95600,87819	99784	9,67567,26532	5,44067	10,32432,73468	40	
	30	9,63172,58634	4,44227	9,95599,88035	99796	9,67572,70599	5,44023	10,32427,29401	30	
	40	9,63177,02861	4,44171	9,95598,88239	99808	9,67578,14622	5,43979	10,32421,85378	20	
	50	9,63181,47032	4,44115	9,95597,88431	99821	9,67583,58601	5,43936	10,32416,41399	10	
22	0	9,63185,91147	4,44060	9,95596,88610	99833	9,67589,02537	5,43893	10,32410,97463	0	38
	10	9,63190,35207	4,44005	9,95595,88777	99846	9,67594,46430	5,43851	10,32405,53570	50	
	20	9,63194,79212	4,43948	9,95594,88931	99859	9,67599,90281	5,43807	10,32400,09719	40	
	30	9,63199,23160	4,43892	9,95593,89072	99871	9,67605,34088	5,43763	10,32394,65912	30	
	40	9,63203,67052	4,43839	9,95592,89201	99884	9,67610,77851	5,43723	10,32389,22149	20	
	50	9,63208,10891	4,43783	9,95591,89317	99896	9,67616,21574	5,43679	10,32383,78426	10	
23	0	9,63212,54674	4,43728	9,95590,89421	99909	9,67621,65253	5,43637	10,32378,34747	0	37
	10	9,63216,98402	4,43671	9,95589,89512	99921	9,67627,08890	5,43592	10,32372,91110	50	
	20	9,63221,42073	4,43615	9,95588,89591	99934	9,67632,52482	5,43549	10,32367,47518	40	
	30	9,63225,85688	4,43559	9,95587,89657	99946	9,67637,96031	5,43505	10,32362,03969	30	
	40	9,63230,29247	4,43504	9,95586,89711	99958	9,67643,39536	5,43462	10,32356,60464	20	
	50	9,63234,72751	4,43450	9,95585,89753	99971	9,67648,82998	5,43421	10,32351,17002	10	
24	0	9,63239,16201	4,43394	9,95584,89782	99983	9,67654,26419	5,43377	10,32345,73581	0	36
	10	9,63243,59595	4,43338	9,95583,89799	99996	9,67659,69796	5,43334	10,32340,30204	50	
	20	9,63248,02933	4,43282	9,95582,89803	1,00009	9,67665,13130	5,43291	10,32334,86870	40	
	30	9,63252,46215	4,43226	9,95581,89794	1,00021	9,67670,56421	5,43247	10,32329,43579	30	
	40	9,63256,89441	4,43172	9,95580,89773	1,00034	9,67675,99668	5,43206	10,32324,00332	20	
	50	9,63261,32613	4,43117	9,95579,89739	1,00046	9,67681,42874	5,43163	10,32318,57126	10	
25	0	9,63265,75730	4,43062	9,95578,89693	1,00059	9,67686,86037	5,43121	10,32313,13963	0	35
	10	9,63270,18792	4,43005	9,95577,89634	1,00071	9,67692,29158	5,43076	10,32307,70842	50	
	20	9,63274,61797	4,42949	9,95576,89563	1,00084	9,67697,72234	5,43033	10,32302,27766	40	
	30	9,63279,04746	4,42894	9,95575,89479	1,00096	9,67703,15267	5,42990	10,32296,84733	30	
	40	9,63283,47640	4,42840	9,95574,89383	1,00109	9,67708,58257	5,42949	10,32291,41743	20	
	50	9,63287,90480	4,42784	9,95573,89274	1,00121	9,67714,01206	5,42905	10,32285,98794	10	
26	0	9,63292,33264	4,42729	9,95572,89153	1,00134	9,67719,44111	5,42863	10,32280,55889	0	34
	10	9,63296,75993	4,42673	9,95571,89019	1,00146	9,67724,86974	5,42819	10,32275,13026	50	
	20	9,63301,18666	4,42618	9,95570,88873	1,00159	9,67730,29793	5,42777	10,32269,70207	40	
	30	9,63305,61284	4,42562	9,95569,88714	1,00171	9,67735,72570	5,42733	10,32264,27430	30	
	40	9,63310,03846	4,42507	9,95568,88543	1,00184	9,67741,15303	5,42691	10,32258,84697	20	
	50	9,63314,46353	4,42453	9,95567,88359	1,00197	9,67746,57994	5,42650	10,32253,42006	10	
27	0	9,63318,88806	4,42398	9,95566,88162	1,00209	9,67752,00644	5,42607	10,32247,99356	0	33
	10	9,63323,31204	4,42343	9,95565,87953	1,00222	9,67757,43251	5,42565	10,32242,56749	50	
	20	9,63327,73547	4,42285	9,95564,87731	1,00234	9,67762,85816	5,42519	10,32237,14184	40	
	30	9,63332,15832	4,42230	9,95563,87497	1,00246	9,67768,28335	5,42476	10,32231,71665	30	
	40	9,63336,58062	4,42176	9,95562,87251	1,00259	9,67773,70811	5,42435	10,32226,29189	20	
	50	9,63341,00238	4,42120	9,95561,86992	1,00271	9,67779,13246	5,42391	10,32220,86754	10	
28	0	9,63345,42358	4,42065	9,95560,86721	1,00284	9,67784,55637	5,42349	10,32215,44363	0	32
	10	9,63349,84423	4,42009	9,95559,86437	1,00296	9,67789,97986	5,42305	10,32210,02014	50	
	20	9,63354,26432	4,41956	9,95558,86141	1,00309	9,67795,40291	5,42265	10,32204,59709	40	
	30	9,63358,68388	4,41901	9,95557,85832	1,00322	9,67800,82556	5,42223	10,32199,17444	30	
	40	9,63363,10289	4,41845	9,95556,85510	1,00334	9,67806,24779	5,42179	10,32193,75221	20	
	50	9,63367,52134	4,41789	9,95555,85176	1,00347	9,67811,66958	5,42136	10,32188,33042	10	
29	0	9,63371,93923	4,41735	9,95554,84829	1,00360	9,67817,09094	5,42095	10,32182,90906	0	31
	10	9,63376,35658	4,41679	9,95553,84469	1,00372	9,67822,51189	5,42051	10,32177,48811	50	
	20	9,63380,77337	4,41624	9,95552,84097	1,00384	9,67827,93240	5,42008	10,32172,06760	40	
	30	9,63385,18961	4,41570	9,95551,83713	1,00397	9,67833,35248	5,41967	10,32166,64752	30	
	40	9,63389,60531	4,41514	9,95550,83316	1,00409	9,67838,77215	5,41923	10,32161,22785	20	
	50	9,63394,02045	4,41457	9,95549,82907	1,00422	9,67844,19138	5,41879	10,32155,80862	10	
30	0	9,63398,43502	4,41404	9,95548,82485	1,00435	9,67849,61017	5,41839	10,32150,38983	0	30
		Sin. comple.		SINVVM		Tang. compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,63398,43502		9,95548,82485		9,67849,61017		10,32150,38983	0	30
	10	9,63402,84906	4,41404	9,95547,82050	1,00435	9,67855,02856	5,41839	10,32144,97144	50	
	20	9,63407,26255	4,41349	9,95546,81603	1,00447	9,67860,44652	5,41796	10,32139,55348	40	
	30	9,63411,67548	4,41293	9,95545,81144	1,00459	9,67865,86404	5,41752	10,32134,13596	30	
	40	9,63416,08787	4,41239	9,95544,80672	1,00472	9,67871,28115	5,41711	10,32128,71885	20	
	50	9,63420,49970	4,41183	9,95543,80188	1,00484	9,67876,69782	5,41667	10,32123,30218	10	
31	0	9,63424,91099	4,41129	9,95542,79691	1,00497	9,67882,11408	5,41626	10,32117,88592	0	29
	10	9,63429,32173	4,41074	9,95541,79182	1,00509	9,67887,52991	5,41583	10,32112,47009	50	
	20	9,63433,73191	4,41018	9,95540,78660	1,00522	9,67892,94531	5,41540	10,32107,05469	40	
	30	9,63438,14155	4,40964	9,95539,78125	1,00535	9,67898,36030	5,41499	10,32101,63970	30	
	40	9,63442,55063	4,40908	9,95538,77578	1,00547	9,67903,77485	5,41455	10,32096,22515	20	
	50	9,63446,95917	4,40854	9,95537,77018	1,00560	9,67909,18899	5,41414	10,32090,81101	10	
32	0	9,63451,36715	4,40798	9,95536,76446	1,00572	9,67914,60269	5,41370	10,32085,39731	0	28
	10	9,63455,77460	4,40745	9,95535,75860	1,00586	9,67920,01600	5,41331	10,32079,98400	50	
	20	9,63460,18148	4,40688	9,95534,75263	1,00597	9,67925,42885	5,41285	10,32074,57115	40	
	30	9,63464,58782	4,40634	9,95533,74653	1,00610	9,67930,84129	5,41244	10,32069,15871	30	
	40	9,63468,99361	4,40579	9,95532,74031	1,00622	9,67936,25330	5,41201	10,32063,74670	20	
	50	9,63473,39885	4,40524	9,95531,73396	1,00635	9,67941,66489	5,41159	10,32058,33511	10	
33	0	9,63477,80353	4,40468	9,95530,72749	1,00647	9,67947,07604	5,41115	10,32052,92396	0	27
	10	9,63482,20767	4,40414	9,95529,72089	1,00660	9,67952,48678	5,41074	10,32047,51322	50	
	20	9,63486,61126	4,40359	9,95528,71417	1,00672	9,67957,89709	5,41031	10,32042,10291	40	
	30	9,63491,01431	4,40305	9,95527,70732	1,00685	9,67963,30699	5,40990	10,32036,69301	30	
	40	9,63495,41682	4,40251	9,95526,70034	1,00698	9,67968,71648	5,40949	10,32031,28352	20	
	50	9,63499,81877	4,40195	9,95525,69324	1,00710	9,67974,12553	5,40905	10,32025,87447	10	
34	0	9,63504,22017	4,40140	9,95524,68601	1,00723	9,67979,53416	5,40863	10,32020,46584	0	26
	10	9,63508,62101	4,40084	9,95523,67866	1,00735	9,67984,94235	5,40819	10,32015,05765	50	
	20	9,63513,02132	4,40031	9,95522,67118	1,00748	9,67990,35014	5,40779	10,32009,64986	40	
	30	9,63517,42107	4,39975	9,95521,66358	1,00760	9,67995,75749	5,40735	10,32004,24251	30	
	40	9,63521,82027	4,39920	9,95520,65585	1,00773	9,68001,16442	5,40693	10,31998,83558	20	
	50	9,63526,21894	4,39867	9,95519,64799	1,00786	9,68006,57095	5,40653	10,31993,42905	10	
35	0	9,63530,61706	4,39812	9,95518,64001	1,00798	9,68011,97705	5,40610	10,31988,02295	0	25
	10	9,63535,01464	4,39758	9,95517,63190	1,00811	9,68017,38274	5,40569	10,31982,61726	50	
	20	9,63539,41166	4,39702	9,95516,62367	1,00823	9,68022,78799	5,40525	10,31977,21201	40	
	30	9,63543,80812	4,39646	9,95515,61531	1,00836	9,68028,19281	5,40482	10,31971,80719	30	
	40	9,63548,20403	4,39591	9,95514,60683	1,00848	9,68033,59720	5,40439	10,31966,40280	20	
	50	9,63552,59942	4,39539	9,95513,59822	1,00861	9,68039,00120	5,40400	10,31960,99880	10	
36	0	9,63556,99425	4,39483	9,95512,58949	1,00873	9,68044,40476	5,40356	10,31955,59524	0	24
	10	9,63561,38854	4,39429	9,95511,58063	1,00886	9,68049,80791	5,40315	10,31950,19209	50	
	20	9,63565,78228	4,39374	9,95510,57165	1,00898	9,68055,21063	5,40272	10,31944,78937	40	
	30	9,63570,17546	4,39318	9,95509,56254	1,00911	9,68060,61292	5,40229	10,31939,38708	30	
	40	9,63574,56810	4,39264	9,95508,55331	1,00923	9,68066,01479	5,40187	10,31933,98521	20	
	50	9,63578,96020	4,39210	9,95507,54395	1,00936	9,68071,41625	5,40146	10,31928,58375	10	
37	0	9,63583,35175	4,39155	9,95506,53446	1,00949	9,68076,81729	5,40104	10,31923,18271	0	23
	10	9,63587,74275	4,39100	9,95505,52485	1,00961	9,68082,21790	5,40061	10,31917,78210	50	
	20	9,63592,13321	4,39046	9,95504,51511	1,00974	9,68087,61810	5,40020	10,31912,38190	40	
	30	9,63596,52313	4,38992	9,95503,50525	1,00986	9,68093,01788	5,39978	10,31906,98212	30	
	40	9,63600,91251	4,38938	9,95502,49526	1,00999	9,68098,41725	5,39937	10,31901,58275	20	
	50	9,63605,30133	4,38882	9,95501,48515	1,01011	9,68103,81618	5,39893	10,31896,18382	10	
38	0	9,63609,68960	4,38827	9,95500,47491	1,01024	9,68109,21469	5,39851	10,31890,78531	0	22
	10	9,63614,07731	4,38771	9,95499,46455	1,01036	9,68114,61276	5,39807	10,31885,38724	50	
	20	9,63618,46451	4,38720	9,95498,45406	1,01049	9,68120,01045	5,39769	10,31879,98955	40	
	30	9,63622,85115	4,38664	9,95497,44344	1,01062	9,68125,40771	5,39726	10,31874,59229	30	
	40	9,63627,23724	4,38609	9,95496,43270	1,01074	9,68130,80454	5,39683	10,31869,19546	20	
	50	9,63631,62280	4,38556	9,95495,42183	1,01087	9,68136,20097	5,39643	10,31863,79903	10	
39	0	9,63636,00780	4,38500	9,95494,41084	1,01099	9,68141,59696	5,39599	10,31858,40304	0	21
	10	9,63640,39227	4,38447	9,95493,39972	1,01112	9,68146,99255	5,39559	10,31853,00745	50	
	20	9,63644,77618	4,38391	9,95492,38848	1,01124	9,68152,38770	5,39515	10,31847,61230	40	
	30	9,63649,15955	4,38337	9,95491,37711	1,01137	9,68157,78244	5,39474	10,31842,21756	30	
	40	9,63653,54238	4,38283	9,95490,36561	1,01150	9,68163,17677	5,39433	10,31836,82323	20	
	50	9,63657,92467	4,38229	9,95489,35399	1,01162	9,68168,57068	5,39391	10,31831,42932	10	
40	0	9,63662,30641	4,38174	9,95488,34224	1,01175	9,68173,96417	5,39349	10,31826,03583	0	20
		Sin. comple.	4,38118	SINVVM	1,01187	Tang. compl	5,39305	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,64184,19615	4,31668	9,95366,01869	1,02699	9,68818,17746	5,34367	10,31181,82254	0	60
	10	9,64188,51283	4,31616	9,95364,99170	1,02712	9,68823,52113	5,34328	10,31176,47887	50	
	20	9,64192,82899	4,31562	9,95363,96458	1,02724	9,68828,86441	5,34286	10,31171,13559	40	
	30	9,64197,14461	4,31509	9,95362,93734	1,02737	9,68834,20727	5,34246	10,31165,79273	30	
	40	9,64201,45970	4,31458	9,95361,90997	1,02750	9,68839,54973	5,34208	10,31160,45027	20	
	50	9,64205,77428	4,31403	9,95360,88247	1,02763	9,68844,89181	5,34166	10,31155,10819	10	
1	0	9,64210,08831	4,31350	9,95359,85484	1,02775	9,68850,23347	5,34125	10,31149,76653	0	59
	10	9,64214,40181	4,31296	9,95358,82709	1,02788	9,68855,57472	5,34084	10,31144,42528	50	
	20	9,64218,71477	4,31246	9,95357,79921	1,02801	9,68860,91556	5,34047	10,31139,08444	40	
	30	9,64223,02723	4,31191	9,95356,77120	1,02813	9,68866,25603	5,34004	10,31133,74397	30	
	40	9,64227,33914	4,31139	9,95355,74307	1,02826	9,68871,59607	5,33965	10,31128,40393	20	
	50	9,64231,65053	4,31085	9,95354,71481	1,02838	9,68876,93572	5,33923	10,31123,06428	10	
2	0	9,64235,96138	4,31031	9,95353,68643	1,02851	9,68882,27495	5,33882	10,31117,72505	0	58
	10	9,64240,27169	4,30980	9,95352,65792	1,02864	9,68887,61377	5,33844	10,31112,38623	50	
	20	9,64244,58149	4,30927	9,95351,62928	1,02876	9,68892,95221	5,33803	10,31107,04779	40	
	30	9,64248,89076	4,30873	9,95350,60052	1,02889	9,68898,29024	5,33762	10,31101,70976	30	
	40	9,64253,19949	4,30820	9,95349,57163	1,02902	9,68903,62786	5,33722	10,31096,37214	20	
	50	9,64257,50769	4,30768	9,95348,54261	1,02914	9,68908,96508	5,33682	10,31091,03492	10	
3	0	9,64261,81537	4,30715	9,95347,51347	1,02927	9,68914,30190	5,33642	10,31085,69810	0	57
	10	9,64266,12252	4,30661	9,95346,48420	1,02939	9,68919,63832	5,33600	10,31080,36168	50	
	20	9,64270,42913	4,30608	9,95345,45481	1,02952	9,68924,97432	5,33560	10,31075,02568	40	
	30	9,64274,73521	4,30555	9,95344,42529	1,02965	9,68930,30992	5,33520	10,31069,69008	30	
	40	9,64279,04076	4,30504	9,95343,39564	1,02978	9,68935,64512	5,33482	10,31064,35488	20	
	50	9,64283,34580	4,30450	9,95342,36586	1,02990	9,68940,97994	5,33440	10,31059,02006	10	
4	0	9,64287,65030	4 30397	9,95341,33596	1,03003	9,68946,31434	5,33400	10,31053,68566	0	56
	10	9,64291,95427	4,30344	9,95340,30593	1,03016	9,68951,64834	5,33360	10,31048,35166	50	
	20	9,64296,25771	4,30292	9,95339,27577	1,03028	9,68956,98194	5,33320	10,31043,01806	40	
	30	9,64300,56063	4,30240	9,95338,24549	1,03041	9,68962,31514	5,33281	10,31037,68486	30	
	40	9,64304,86303	4,30186	9,95337,21508	1,03053	9,68967,64795	5,33239	10,31032,35205	20	
	50	9,64309,16489	4,30132	9,95336,18455	1,03066	9,68972,98034	5,33198	10,31027,01966	10	
5	0	9,64313,46621	4,30080	9,95335,15389	1,03079	9,68978,31232	5,33159	10,31021,68768	0	55
	10	9,64317,76701	4,30027	9,95334,12310	1,03091	9,68983,64391	5,33118	10,31016,35609	50	
	20	9,64322,06728	4,29975	9,95333,09219	1,03104	9,68988,97509	5,33079	10,31011,02491	40	
	30	9,64326,36703	4,29921	9,95332,06115	1,03117	9,68994,30588	5,33038	10,31005,69412	30	
	40	9,64330,66624	4,29869	9,95331,02998	1,03129	9,68999,63626	5,32998	10,31000,36374	20	
	50	9,64334,96493	4,29817	9,95329,99869	1,03142	9,69004,96624	5,32959	10,30995,03376	10	
6	0	9,64339,26310	4,29764	9,95328,96727	1,03155	9,69010,29583	5,32919	10,30989,70417	0	54
	10	9,64343,56074	4,29711	9,95327,93572	1,03167	9,69015,62502	5,32878	10,30984,37498	50	
	20	9,64347,85785	4,29657	9,95326,90405	1,03180	9,69020,95380	5,32837	10,30979,04620	40	
	30	9,64352,15442	4,29604	9,95325,87225	1,03192	9,69026,28217	5,32796	10,30973,71783	30	
	40	9,64356,45046	4,29553	9,95324,84033	1,03205	9,69031,61013	5,32758	10,30968,38987	20	
	50	9,64360,74599	4,29501	9,95323,80828	1,03218	9,69036,93771	5,32719	10,30963,06229	10	
7	0	9,64365,04100	4,29446	9,95322,77610	1,03230	9,69042,26490	5,32676	10,30957,73510	0	53
	10	9,64369,33546	4,29395	9,95321,74380	1,03243	9,69047,59166	5,32638	10,30952,40834	50	
	20	9,64373,62941	4,29342	9,95320,71137	1,03256	9,69052,91804	5,32598	10,30947,08196	40	
	30	9,64377,92283	4,29291	9,95319,67881	1,03269	9,69058,24402	5,32560	10,30941,75598	30	
	40	9,64382,21574	4,29237	9,95318,64612	1,03281	9,69063,56962	5,32518	10,30936,43038	20	
	50	9,64386,50811	4,29182	9,95317,61331	1,03294	9,69068,89480	5,32476	10,30931,10520	10	
8	0	9,64390,79993	4,29131	9,95316,58037	1,03307	9,69074,21956	5,32438	10,30925,78044	0	52
	10	9,64395,09124	4,29078	9,95315,54730	1,03319	9,69079,54394	5,32397	10,30920,45606	50	
	20	9,64399,38202	4,29028	9,95314,51411	1,03332	9,69084,86791	5,32360	10,30915,13209	40	
	30	9,64403,67230	4,28975	9,95313,48079	1,03345	9,69090,19151	5,32320	10,30909,80849	30	
	40	9,64407,96205	4,28921	9,95312,44734	1,03357	9,69095,51471	5,32278	10,30904,48529	20	
	50	9,64412,25126	4,28868	9,95311,41377	1,03370	9,69100,83749	5,32238	10,30899,16251	10	
9	0	9,64416,53994	4,28817	9,95310,38007	1,03383	9,69106,15987	5,32200	10,30893,84013	0	51
	10	9,64420,82611	4,28764	9,95309,34624	1,03395	9,69111,48187	5,32159	10,30888,51813	50	
	20	9,64425,11575	4,28710	9,95308,31229	1,03408	9,69116,80346	5,32118	10,30883,19654	40	
	30	9,64429,40285	4,28659	9,95307,27821	1,03421	9,69122,12464	5,32080	10,30877,87536	30	
	40	9,64433,68944	4,28606	9,95306,24400	1,03433	9,69127,44544	5,32039	10,30872,55456	20	
	50	9,64437,97550	4,28553	9,95305,20967	1,03446	9,69132,76583	5,31999	10,30867,23417	10	
10	0	9,64442,26103	4,28501	9,95304,17521	1,03459	9,69138,08582	5,31960	10,30861,91418	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,64442,26103	4,28501	9,95304,17521	1,03459	9,69138,08582	5,31960	10,30861,91418	0	50
	10	9,64446,54604	4,28448	9,95303,14062	1,03471	9,69143,40542	5,31919	10,30856,59458	50	
	20	9,64450,83052	4,28396	9,95302,10591	1,03484	9,69148,72461	5,31880	10,30851,27539	40	
	30	9,64455,11448	4,28343	9,95301,07107	1,03497	9,69154,04341	5,31840	10,30845,95659	30	
	40	9:64459,39791	4,28291	9,95300,03610	1,03509	9,69159,36181	5,31800	10,30840,63819	20	
	50	9,64463,68082	4,28239	9,95299,00101	1,03522	9,69164,67981	5,31761	10,30835,32019	10	
11	0	9,64467,96321	4,28187	9,95297,96579	1,03535	9,69169,99742	5,31722	10,30830,00258	0	49
	10	9,64472,24508	4,28134	9,95296,93044	1,03547	9,69175,31464	5,31681	10,30824,68536	50	
	20	9,64476,52642	4,28080	9,95295,89497	1,03560	9,69180,63145	5,31640	10,30819,36855	40	
	30	9,64480,80722	4,28029	9,95294,85937	1,03573	9,69185,94785	5,31602	10,30814,05215	30	
	40	9,64485,08751	4,27977	9,95293,82364	1,03585	9,69191,26387	5,31562	10,30808,73613	20	
	50	9,64489,36728	4,27923	9,95292,78779	1,03598	9,69196,57949	5,31521	10,30803,42051	10	
12	0	9,64493,64651	4,27871	9,95291,75181	1,03611	9,69201,89470	5,31482	10,30798,10530	0	48
	10	9,64497,92522	4,27819	9,95290,71570	1,03623	9,69207,20952	5,31442	10,30792,79048	50	
	20	9,64502,20341	4,27768	9,95289,67947	1,03636	9,69212,52394	5,31404	10,30787,47606	40	
	30	9,64506,48109	4,27715	9,95288,64311	1,03649	9,69217,83798	5,31364	10,30782,16202	30	
	40	9,64510,75824	4,27663	9,95287,60662	1,03661	9,69223,15162	5,31324	10,30776,84838	20	
	50	9,64515,03487	4,27609	9,95286,57001	1,03674	9,69228,46486	5,31283	10,30771.53514	10	
13	0	9,64519,31096	4,27557	9,95285,53327	1,03687	9,69233,77769	5,31244	10,30766,22231	0	47
	10	9,64523,58653	4,27505	9,95284,49640	1,03699	9,69239,09013	5,31204	10,30760,90987	50	
	20	9,64537,86158	4,27454	9,95283,45941	1,03712	9,69244,40217	5,31166	10,30755,59783	40	
	30	9,64532,13612	4,27401	9,95282,42229	1,03725	9,69249,71383	5,31126	10,30750,28617	30	
	40	9,64536,41013	4,27350	9,95281,38504	1,03738	9,69255,02509	5,31088	10,30744,97491	20	
	50	9,64540,68363	4,27296	9,95280,34766	1,03750	9,69260,33597	5,31046	10,30739,66403	10	
14	0	9,64544,95659	4,27245	9,95279,31016	1,03763	9,69265,64643	5,31008	10,30734,35357	0	46
	10	9,64549,22904	4,27193	9,95278,27253	1,03776	9,69270,95651	5,30969	10,30729,04349	50	
	20	9,64553,50097	4,27138	9,95277,23477	1,03788	9,69276,26620	5,30926	10,30723,73380	40	
	30	9,64557,77235	4,27087	9,95276,19689	1,03801	9,69281,57546	5,30888	10,30718,42454	30	
	40	9,64562,04322	4,27036	9,95275,15888	1,03814	9,69286,88434	5,30850	10,30713,11566	20	
	50	9,64566,31358	4,26983	9,95274,12074	1,03826	9,69292,19284	5,30809	10,30707,80716	10	
15	0	9,64570,58241	4,26931	9,95273,08248	1,03839	9,69297,50093	5,30770	10,30702,49907	0	45
	10	9,64574,85272	4,26879	9,95272,04409	1,03852	9,69302,80863	5,30731	10,30697,19137	50	
	20	9,64579,12151	4,26827	9,95271,00557	1,03865	9,69308,11594	5,30692	10,30691,88406	40	
	30	9,64583,38978	4,26775	9,95269,96692	1,03877	9,69313,42286	5,30652	10,30686,57714	30	
	40	9,64587,65753	4,26723	9:95268,92815	1,03890	9,69318,72938	5,30613	10,30681,27062	20	
	50	9,64591,92476	4,26668	9,95267,88925	1,03902	9,69324,03551	5,30570	10,30675,96449	10	
16	0	9,64596,19144	4,26617	9,95266,85023	1,03915	9,69329,34121	5,30532	10,30670,65879	0	44
	10	9,64600,45761	4,26566	9,95265,81108	1,03928	9,69334,64653	5,30494	10,30665,35347	50	
	20	9,64604,72327	4,26515	9,95264,77180	1,03941	9,69339,95147	5,30456	10,30660,04853	40	
	30	9,64608,98842	4,26463	9,95263,73239	1,03953	9,69345,25603	5,30416	10,30654,74397	30	
	40	9,64613,25305	4,26410	9,95262,69286	1,03966	9,69350,56019	5,30376	10,30649,43981	20	
	50	9,64617,51715	4,26357	9,95261,65320	1,03979	9,69355,86395	5,30336	10,30644,13605	10	
17	0	9,64621,78072	4,26305	9,95260,61341	1,03991	9,69361,16731	5,30296	10,30638,83269	0	43
	10	9,64626,04377	4,26254	9,95259,57350	1,04004	9,69366,47027	5,30258	10,30633,52973	50	
	20	9,64630,30631	4,26201	9,95258,53346	1,04017	9,69371,77285	5,30218	10,30628,22715	40	
	30	9,64634,56832	4,26150	9,95257,49329	1,04030	9,69377,07503	5,30·80	10,30622,92497	30	
	40	9,64638,82982	4,26097	9,95256,45299	1,04042	9,69382,37683	5,30139	10,30617,62317	20	
	50	9,64643,09079	4,26046	9,95255,41257	1,04055	9,69387,67822	5,30101	10,30612,32178	10	
18	0	9,64647,35125	4,25994	9,95254,37202	1,04068	9,69392,97923	5,30062	10,30607,02077	0	42
	10	9,64651,61119	4,25941	9,95253,33134	1,04080	9,69398,27985	5,30021	10,30601,72015	50	
	20	9,64655,87060	4,25889	9,95252,29054	1,04093	9,69403,58006	5,29982	10,30596,41994	40	
	30	9,64660,12949	4,25838	9,95251,24961	1,04106	9,69408,87988	5,29944	10,30591,12012	30	
	40	9,64664,38787	4,25785	9,95250,20855	1,04118	9,69414,17932	5,29903	10,30585,82068	20	
	50	9,64668,64572	4,25733	9,95249,16737	1,04131	9,69419,47835	5,29864	10,30580,52165	10	
19	0	9,64672,90305	4,25682	9,95248,12606	1,04144	9,69424,77699	5,29826	10,30575,22301	0	41
	10	9,64677,15987	4,25630	9,95247,08462	1,04156	9,69430,07525	5,29786	10,30569,92475	50	
	20	9,64681,41617	4,25577	9,95246,04306	1,04169	9,69435,37311	5,29746	10,30564,62689	40	
	30	9,64685,67194	4,25526	9,95245,00137	1,04182	9,69440,67057	5,29708	10,30559,32943	30	
	40	9,64689,92720	4,25475	9,95243,95955	1,04195	9,69445,96765	5,29670	10,30554,03235	20	
	50	9,64694,18195	4,25421	9,95242,91760	1,04207	9,69451,26435	5,29628	10,30548,73565	10	
20	0	9,64698,43616	4,25370	9,95241,87553	1,04220	9,69456,56063	5,29590	10,30543,43937	0	40
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,64698,43616	4,25370	9,95241,87553	1,04220	9,69456,56063	5,29590	10,30543,43937	0	40
	10	9,64702,68986	4,25319	9,95240,83333	1,04233	9,69461,85653	5,29552	10,30538,14347	50	
	20	9,64706,94305	4,25266	9,95239,79100	1,04245	9,69467,15205	5,29511	10,30532,84795	40	
	30	9,64711,19571	4,25214	9,95238,74855	1,04258	9,69472,44716	5,29472	10,30527,55284	30	
	40	9,64715,44785	4,25163	9,95237,70597	1,04271	9,69477,74188	5,29434	10,30522,25812	20	
	50	9,64719,69948	4,25112	9,95236,66326	1,04284	9,69483,03622	5,29396	10,30516,96378	10	
21	0	9,64723,95060	4,25060	9,95235,62042	1,04296	9,69488,33018	5,29356	10,30511,66982	0	39
	10	9,64728,20120	4,25007	9,95234,57746	1,04309	9,69493,62374	5,29316	10,30506,37626	50	
	20	9,64732,45127	4,24955	9,95233,53437	1,04322	9,69498,91690	5,29277	10,30501,08310	40	
	30	9,64736,70082	4,24904	9,95232,49115	1,04334	9,69504,20967	5,29238	10,30495,79033	30	
	40	9,64740,94986	4,24852	9,95231,44781	1,04347	9,69509,50205	5,29199	10,30490,49795	20	
	50	9,64745,19838	4,24799	9,95230,40434	1,04360	9,69514,79404	5,29159	10,30485,20596	10	
22	0	9,64749,44637	4,24748	9,95229,36074	1,04372	9,69520,08563	5,29120	10,30479,91437	0	38
	10	9,64753,69385	4,24697	9,95228,31702	1,04385	9,69525,37683	5,29082	10,30474,62317	50	
	20	9,64757,94082	4,24644	9,95227,27317	1,04398	9,69530,66765	5,29042	10,30469,33235	40	
	30	9,64762,18726	4,24593	9,95226,22919	1,04411	9,69535,95807	5,29004	10,30464,04193	30	
	40	9,64766,43319	4,24543	9,95225,18508	1,04424	9,69541,24811	5,28967	10,30458,75189	20	
	50	9,64770,67862	4,24490	9,95224,14084	1,04436	9,69546,53778	5,28926	10,30453,46222	10	
23	0	9,64774,92352	4,24439	9,95223,09648	1,04449	9,69551,82704	5,28888	10,30448,17296	0	37
	10	9,64779,16791	4,24387	9,95222,05199	1,04462	9,69557,11592	5,28849	10,30442,88408	50	
	20	9,64783,41178	4,24335	9,95221,00737	1,04475	9,69562,40441	5,28810	10,30437,59559	40	
	30	9,64787,65513	4,24283	9,95219,96262	1,04487	9,69567,69251	5,28770	10,30432,30749	30	
	40	9,64791,89796	4,24232	9,95218,91775	1,04500	9,69572,98021	5,28732	10,30427,01979	20	
	50	9,64796,14028	4,24180	9,95217,87275	1,04512	9,69578,26753	5,28692	10,30421,73247	10	
24	0	9,64800,38208	4,24129	9,95216,82763	1,04525	9,69583,55445	5,28654	10,30416,44555	0	36
	10	9,64804,62337	4,24076	9,95215,78238	1,04538	9,69588,84099	5,28614	10,30411,15901	50	
	20	9,64808,86413	4,24025	9,95214,73700	1,04551	9,69594,12713	5,28576	10,30405,87287	40	
	30	9,64813,10438	4,23973	9,95213,69149	1,04563	9,69599,41289	5,28536	10,30400,58711	30	
	40	9,64817,34411	4,23921	9,95212,64586	1,04576	9,69604,69825	5,28497	10,30395,30175	20	
	50	9,64821,58332	4,23871	9,95211,60010	1,04589	9,69609,98322	5,28460	10,30390,01678	10	
25	0	9,64825,82203	4,23820	9,95210,55421	1,04602	9,69615,26782	5,28422	10,30384,73218	0	35
	10	9,64830,06023	4,23766	9,95209,50819	1,04614	9,69620,55204	5,28380	10,30379,44796	50	
	20	9,64834,29789	4,23715	9,95208,46205	1,04627	9,69625,83584	5,28342	10,30374,16416	40	
	30	9,64838,53504	4,23664	9,95207,41578	1,04640	9,69631,11926	5,28304	10,30368,88074	30	
	40	9,64842,77168	4,23613	9,95206,36938	1,04653	9,69636,40230	5,28266	10,30363,59770	20	
	50	9,64847,00781	4,23561	9,95205,32285	1,04665	9,69641,68496	5,28226	10,30358,31504	10	
26	0	9,64851,24342	4,23510	9,95204,27620	1,04678	9,69646,96722	5,28188	10,30353,03278	0	34
	10	9,64855,47852	4,23458	9,95203,22942	1,04691	9,69652,24910	5,28149	10,30347,75090	50	
	20	9,64859,71310	4,23405	9,95202,18251	1,04703	9,69657,53059	5,28108	10,30342,46941	40	
	30	9,64863,94715	4,23354	9,95201,13548	1,04716	9,69662,81167	5,28070	10,30337,18833	30	
	40	9,64868,18069	4,23303	9,95200,08832	1,04729	9,69668,09237	5,28032	10,30331,90763	20	
	50	9,64872,41372	4,23254	9,95199,04103	1,04742	9,69673,37269	5,27996	10,30326,62731	10	
27	0	9,64876,64626	4,23200	9,95197,99361	1,04754	9,69678,65265	5,27954	10,30321,34735	0	33
	10	9,64880,87826	4,23149	9,95196,94607	1,04767	9,69683,93219	5,27916	10,30316,06781	50	
	20	9,64885,10975	4,23098	9,95195,89840	1,04780	9,69689,21135	5,27878	10,30310,78865	40	
	30	9,64889,34073	4,23047	9,95194,85060	1,04793	9,69694,49013	5,27840	10,30305,50987	30	
	40	9,64893,57120	4,22995	9,95193,80267	1,04805	9,69699,76853	5,27800	10,30300,23147	20	
	50	9,64897,80115	4,22943	9,95192,75462	1,04818	9,69705,04653	5,27761	10,30294,95347	10	
28	0	9,64902,03058	4,22891	9,95191,70644	1,04831	9,69710,32414	5,27722	10,30289,67586	0	32
	10	9,64906,25949	4,22840	9,95190,65813	1,04843	9,69715,60136	5,27683	10,30284,39864	50	
	20	9,64910,48789	4,22790	9,95189,60970	1,04856	9,69720,87819	5,27646	10,30279,12181	40	
	30	9,64914,71579	4,22737	9,95188,56114	1,04869	9,69726,15465	5,27606	10,30273,84535	30	
	40	9,64918,94316	4,22687	9,95187,51245	1,04882	9,69731,43071	5,27569	10,30268,56929	20	
	50	9,64923,17003	4,22636	9,95186,46363	1,04894	9,69736 70640	5,27530	10,30263,29360	10	
29	0	9,64927,39639	4,22585	9,95185,41469	1,04907	9,69741,98170	5,27492	10,30258,01830	0	31
	10	9,64931,62224	4,22532	9,95184,36562	1,04920	9,69747,25662	5,27452	10,30252,74338	50	
	20	9,64935,84756	4,22481	9,95183,31642	1,04933	9,69752,53114	5,27414	10,30247,46886	40	
	30	9,64940,07237	4,22430	9,95182,26709	1,04946	9,69757,80528	5,27376	10,30242,19472	30	
	40	9,64944,29667	4,22378	9,95181,21763	1,04958	9,69763,07904	5,27336	10,30236,92096	20	
	50	9,64948,52045	4,22328	9,95180,16805	1,04971	9,69768 35240	5,27299	10,30231,64760	10	
30	0	9,64952,74373	4,22276	9,95179,11834	1,04984	9,69773,62539	5,27260	10,30226,37461	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ commu-nes.	Tang. compl. Logarithmi.		
30	0	9,64952,74373	4,22276	9,95179,11834	1,04984	9,69773,62539	5,27260	10,30226,37461	0	30
	10	9,64956,96649	4,22224	9,95178,06850	1,04996	9,69778,89799	5,27220	10,30221,10201	50	
	20	9,64961,18873	4,22175	9,95177,01854	1,05009	9,69784,17019	5,27184	10,30215,82981	40	
	30	9,64965,41048	4,22123	9,95175,96845	1,05022	9,69789,44203	5,27145	10,30210,55797	30	
	40	9,64969,63171	4,22071	9,95174,91823	1,05035	9,69794,71348	5,27106	10,30205,28652	20	
	50	9,64973,85242	4,22020	9,95173,86788	1,05047	9,69799,98454	5,27067	10,30200,01546	10	
31	0	9,64978,07262	4,21970	9,95172,81741	1,05060	9,69805,25521	5,27030	10,30194,74479	0	29
	10	9,64982,29232	4,21917	9,95171,76681	1,05073	9,69810,52551	5,26990	10,30189,47449	50	
	20	9,64986,51149	4,21866	9,95170,71608	1,05086	9,69815,79541	5,26952	10,30184,20459	40	
	30	9,64990,73015	4,21814	9,95169,66522	1,05098	9,69821,06493	5,26912	10,30178,93507	30	
	40	9,64994,94829	4,21763	9,95168,61424	1,05111	9,69826,33405	5,26874	10,30173,66595	20	
	50	9,64999,16592	4,21714	9,95167,56313	1,05124	9,69831,60279	5,26838	10,30168,39721	10	
32	0	9,65003,38306	4,21660	9,95166,51189	1,05136	9,69836,87117	5,26796	10,30163,12883	0	28
	10	9,65007,59966	4,21610	9,95165,46053	1,05150	9,69842,13913	5,26760	10,30157,86087	50	
	20	9,65011,81576	4,21561	9,95164,40903	1,05162	9,69847,40673	5,26723	10,30152,59327	40	
	30	9,65016,03137	4,21509	9,95163,35741	1,05175	9,69852,67396	5,26684	10,30147,32604	30	
	40	9,65020,24646	4,21458	9,95162,30566	1,05188	9,69857,94080	5,26646	10,30142,05920	20	
	50	9,65024,46104	4,21405	9,95161,25378	1,05201	9,69863,20726	5,26606	10,30136,79274	10	
33	0	9,65028,67509	4,21356	9,95160,20177	1,05214	9,69868,47332	5,26570	10,30131,52668	0	27
	10	9,65032,88865	4,21304	9,95159,14963	1,05226	9,69873,73902	5,26530	10,30126,26098	50	
	20	9,65037,10169	4,21253	9,95158,09737	1,05239	9,69879,00432	5,26492	10,30120,99568	40	
	30	9,65041,31422	4,21201	9,95157,04498	1,05251	9,69884,26924	5,26452	10,30115,73076	30	
	40	9,65045,52623	4,21150	9,95155,99247	1,05264	9,69889,53376	5,26414	10,30110,46624	20	
	50	9,65049,73773	4,21101	9,95154,93983	1,05277	9,69894,79790	5,26378	10,30105,20210	10	
34	0	9,65053,94874	4,21048	9,95153,88706	1,05290	9,69900,06168	5,26338	10,30099,93832	0	26
	10	9,65058,15922	4,20998	9,95152,83416	1,05303	9,69905,32506	5,26301	10,30094,67494	50	
	20	9,65062,36920	4,20947	9,95151,78113	1,05315	9,69910,58807	5,26262	10,30089,41193	40	
	30	9,65066,57867	4,20896	9,95150,72798	1,05328	9,69915,85069	5,26224	10,30084,14931	30	
	40	9,65070,78763	4,20845	9,95149,67470	1,05341	9,69921,11293	5,26186	10,30078,88707	20	
	50	9,65074,99608	4,20793	9,95148,62129	1,05353	9,69926,37479	5,26146	10,30073,62521	10	
35	0	9,65079,20401	4,20742	9,95147,56776	1,05366	9,69931,63625	5,26108	10,30068,36375	0	25
	10	9,65083,41143	4,20691	9,95146,51410	1,05379	9,69936,89733	5,26070	10,30031,10267	50	
	20	9,65087,61834	4,20642	9,95145,46031	1,05392	9,69942,15803	5,26034	10,30057,84197	40	
	30	9,65091,82476	4,20591	9,95144,40639	1,05405	9,69947,41837	5,25996	10,30052,58163	30	
	40	9,65096,03067	4,20539	9,95143,35234	1,05417	9,69952,67833	5,25956	10,30047,32167	20	
	50	9,65100,23606	4,20486	9,95142,29817	1,05430	9,69957,93789	5,25916	10,30042,06211	10	
36	0	9,65104,44092	4,20437	9,95141,24387	1,05443	9,69963,19705	5,25880	10,30036,80295	0	24
	10	9,65108,64529	4,20386	9,95140,18944	1,05456	9,69968,45585	5,25842	10,30031,54415	50	
	20	9,65112,84915	4,20335	9,95139,13488	1,05468	9,69973,71427	5,25803	10,30026,28573	40	
	30	9,65117,05250	4,20285	9,95138,08020	1,05481	9,69978,97230	5,25766	10,30021,02770	30	
	40	9,65121,25535	4,20232	9,95137,02539	1,05494	9,69984,22996	5,25726	10,30015,77004	20	
	50	9,65125,45767	4,20183	9,95135,97045	1,05507	9,69989,48722	5,25690	10,30010,51278	10	
37	0	9,65129,65950	4,20132	9,95134,91538	1,05520	9,69994,74412	5,25652	10,30005,25588	0	23
	10	9,65133,86082	4,20080	9,95133,86018	1,05532	9,70000,00064	5,25612	10,29999,99936	50	
	20	9,65138,06162	4,20031	9,95132,80486	1,05545	9,70005,25676	5,25576	10,29994,74324	40	
	30	9,65142,26193	4,19980	9,95131,74941	1,05558	9,70010,51252	5,25538	10,29989,48748	30	
	40	9,65146,46173	4,19929	9,95130,69383	1,05571	9,70015,76790	5,25500	10,29984,23210	20	
	50	9,65150,66102	4,19876	9,95129,63812	1,05583	9,70021,02290	5,25459	10,29978,97710	10	
38	0	9,65154,85978	4,19826	9,95128,58229	1,05596	9,70026,27749	5,25422	10,29973,72251	0	22
	10	9,65159,05804	4,19776	9,95127,52633	1,05609	9,70031,53171	5,25385	10,29968,46829	50	
	20	9,65163,25580	4,19726	9,95126,47024	1,05622	9,70036,78556	5,25348	10,29963,21444	40	
	30	9,65167,45306	4,19674	9,95125,41402	1,05634	9,70042,03904	5,25308	10,29957,96096	30	
	40	9,65171,64980	4,19623	9,95124,35768	1,05647	9,70047,29212	5,25270	10,29952,70788	20	
	50	9,65175,84603	4,19573	9,95123,30121	1,05660	9,70052,54482	5,25233	10,29947,45518	10	
39	0	9,65180,04176	4,19523	9,95122,24461	1,05673	9,70057,79715	5,25196	10,29942,20285	0	21
	10	9,65184,23699	4,19472	9,95121,18788	1,05686	9,70063,04911	5,25158	10,29936,95089	50	
	20	9,65188,43171	4,19420	9,95120,13102	1,05698	9,70068,30069	5,25118	10,29931,69931	40	
	30	9,65192,62591	4,19369	9,95119,07404	1,05711	9,70073,55187	5,25080	10,29926,44813	30	
	40	9,65196,81960	4,19320	9,95118,01693	1,05724	9,70078,80267	5,25044	10,29921,19733	20	
	50	9,65201,01280	4,19269	9,95116,95969	1,05737	9,70084,05311	5,25006	10,29915,94689	10	
40	0	9,65205,20549	4,19218	9,95115,90232	1,05750	9,70089,30317	5,24968	10,29910,69683	0	20
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,65205,20549	4,19218	9,95115,90232	1,05750	9,70089,30317	5,24968	10,29910,69683	0	20
	10	9,65209,39767	4,19167	9,95114,84482	1,05762	9,70094,55285	5,24929	10,29905,44715	50	
	20	9,65213,58934	4,19117	9,95113,78720	1,05775	9,70099,80214	5,24892	10,29900,19786	40	
	30	9,65217,78051	4,19066	9,95112,72945	1,05788	9,70105,05106	5,24854	10,29894,94894	30	
	40	9,65221,97117	4,19015	9,95111,67157	1,05801	9,70110,29960	5,24816	10,29889,70040	20	
	50	9,65226,16132	4,18965	9,95110,61356	1,05813	9,70115,54776	5,24778	10,29884,45224	10	
41	0	9,65230,35097	4,18915	9,95109,55543	1,05826	9,70120,79554	5,24741	10,29879,20446	0	19
	10	9,65234,54012	4,18863	9,95108,49717	1,05839	9,70126,04295	5,24702	10,29873,95705	50	
	20	9,65238,72875	4,18812	9,95107,43878	1,05852	9,70131,28997	5,24664	10,29868,71003	40	
	30	9,65242,91687	4,18763	9,95106,38026	1,05865	9,70136,53661	5,24628	10,29863,46339	30	
	40	9,65247,10450	4,18711	9,95105,32161	1,05877	9,70141,78289	5,24588	10,29858,21711	20	
	50	9,65251,29161	4,18661	9,95104,26284	1,05890	9,70147,02877	5,24551	10,29852,97123	10	
42	0	9,65255,47822	4,18611	9,95103,20394	1,05903	9,70152,27428	5,24514	10,29847,72572	0	18
	10	9,65259,66433	4,18560	9,95102,14491	1,05916	9,70157,51942	5,24476	10,29842,48058	50	
	20	9,65263,84993	4,18510	9,95101,08575	1,05929	9,70162,76418	5,24439	10,29837,23582	40	
	30	9,65268,03503	4,18459	9,95100,02646	1,05941	9,70168,00857	5,24400	10,29831,99143	30	
	40	9,65272,21962	4,18408	9,95098,96705	1,05954	9,70173,25257	5,24362	10,29826,74743	20	
	50	9,65276,40370	4,18358	9,95097,90751	1,05967	9,70178,49619	5,24325	10,29821,50381	10	
43	0	9,65280,58728	4,18308	9,95096,84784	1,05980	9,70183,73944	5,24288	10,29816,26056	0	17
	10	9,65284,77036	4,18256	9,95095,78804	1,05992	9,70188,98232	5,24248	10,29811,01768	50	
	20	9,65288,95292	4,18206	9,95094,72812	1,06005	9,70194,22480	5,24211	10,29805,77520	40	
	30	9,65293,13498	4,18156	9,95093,66807	1,06018	9,70199,46691	5,24174	10,29800,53309	30	
	40	9,65297,31654	4,18105	9,95092,60789	1,06031	9,70204,70865	5,24136	10,29795,29135	20	
	50	9,65301,49759	4,18056	9,95091,54758	1,06044	9,70209,95001	5,24100	10,29790,04999	10	
44	0	9,65305,67815	4,18004	9,95090,48714	1,06056	9,70215,19101	5,24060	10,29784,80899	0	16
	10	9,65309,85819	4,17954	9,95089,42658	1,06069	9,70220,43161	5,24023	10,29779,56839	50	
	20	9,65314,03773	4,17904	9,95088,36589	1,06082	9,70225,67184	5,23986	10,29774,32816	40	
	30	9,65318,21677	4,17853	9,95087,30507	1,06095	9,70230,91170	5,23948	10,29769,08830	30	
	40	9,65322,39530	4,17804	9,95086,24412	1,06108	9,70236,15118	5,23912	10,29763,84882	20	
	50	9,65326,57334	4,17753	9,95085,18304	1,06121	9,70241,39030	5,23874	10,29758,60970	10	
45	0	9,65330,75087	4,17701	9,95084,12183	1,06133	9,70246,62904	5,23834	10,29753,37096	0	15
	10	9,65334,92788	4,17652	9,95083,06050	1,06146	9,70251,86738	5,23798	10,29748,13262	50	
	20	9,65339,10440	4,17602	9,95081,99904	1,06159	9,70257,10536	5,23761	10,29742,89464	40	
	30	9,65343,28042	4,17552	9,95080,93745	1,06172	9,70262,34297	5,23724	10,29737,65703	30	
	40	9,65347,45594	4,17501	9,95079,87573	1,06185	9,70267,58021	5,23686	10,29732,41979	20	
	50	9,65351,63095	4,17449	9,95078,81388	1,06197	9,70272,81707	5,23646	10,29727,18293	10	
46	0	9,65355,80544	4,17399	9,95077,75191	1,06210	9,70278,05353	5,23609	10,29721,94647	0	14
	10	9,65359,97943	4,17351	9,95076,68981	1,06223	9,70283,28962	5,23574	10,29716,71038	50	
	20	9,65364,15294	4,17300	9,95075,62758	1,06236	9,70288,52536	5,23536	10,29711,47464	40	
	30	9,65368,32594	4,17249	9,95074,56522	1,06249	9,70293,76072	5,23498	10,29706,23928	30	
	40	9,65372,49843	4,17199	9,95073,50273	1,06261	9,70298,99570	5,23460	10,29701,00430	20	
	50	9,65376,67042	4,17148	9,95072,44012	1,06274	9,70304,23030	5,23422	10,29695,76970	10	
47	0	9,65380,84190	4,17098	9,95071,37738	1,06287	9,70309,46452	5,23385	10,29690,53548	0	13
	10	9,65385,01288	4,17048	9,95070,31451	1,06300	9,70314,69837	5,23348	10,29685,30163	50	
	20	9,65389,18336	4,16998	9,95069,25151	1,06313	9,70319,93185	5,23311	10,29680,06815	40	
	30	9,65393,35334	4,16947	9,95068,18838	1,06325	9,70325,16496	5,23272	10,29674,83504	30	
	40	9,65397,52281	4,16898	9,95067,12513	1,06338	9,70330,39768	5,23236	10,29669,60232	20	
	50	9,65401,69179	4,16846	9,95066,06175	1,06351	9,70335,63004	5,23197	10,29664,36996	10	
48	0	9,65405,86025	4,16797	9,95064,99824	1,06364	9,70340,86201	5,23161	10,29659,13799	0	12
	10	9,65410,02822	4,16747	9,95063,93460	1,06377	9,70346,09362	5,23124	10,29653,90638	50	
	20	9,65414,19569	4,16696	9,95062,87083	1,06389	9,70351,32486	5,23085	10,29648,67514	40	
	30	9,65418,36265	4,16646	9,95061,80694	1,06402	9,70356,55571	5,23048	10,29643,44429	30	
	40	9,65422,52911	4,16597	9,95060,74292	1,06415	9,70361,78619	5,23012	10,29638,21381	20	
	50	9,65426,69508	4,16546	9,95059,67877	1,06428	9,70367,01631	5,22974	10,29632,98369	10	
49	0	9,65430,86054	4,16495	9,95058,61449	1,06441	9,70372,24605	5,22936	10,29627,75395	0	11
	10	9,65435,02549	4,16446	9,95057,55008	1,06454	9,70377,47541	5,22900	10,29622,52459	50	
	20	9,65439,18995	4,16396	9,95056,48554	1,06466	9,70382,70441	5,22862	10,29617,29559	40	
	30	9,65443,35391	4,16345	9,95055,42088	1,06479	9,70387,93303	5,22824	10,29612,06697	30	
	40	9,65447,51736	4,16295	9,95054,35609	1,06492	9,70393,16127	5,22787	10,29606,83873	20	
	50	9,65451,68031	4,16245	9,95053,29117	1,06505	9,70398,38914	5,22750	10,29601,61086	10	
50	0	9,65455,84276	4,16194	9,95052,22612	1,06518	9,70403,61664	5,22712	10,29596,38336	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,65455,84276	4,16194	9,95052,22612	1,06518	9,70403,61664	5,22712	10,29596,38336	0	10
	10	9,65460,00470	4,16146	9,95051,16094	1,06530	9,70408,84376	5,22676	10,29591,15624	50	
	20	9,65464,16616	4,16095	9,95050,09564	1,06543	9,70414,07052	5,22638	10,29585,92948	40	
	30	9,65468,32711	4,16045	9,95049,03021	1,06556	9,70419,29690	5,22601	10,29580,70310	30	
	40	9,65472,48756	4,15995	9,95047,96465	1,06569	9,70424,52291	5,22564	10,29575,47709	20	
	50	9,65476,64751	4,15944	9,95046,89896	1,06582	9,70429,74855	5,22526	10,29570,25145	10	
51	0	9,65480,80695	4,15894	9,95045,83314	1,06595	9,70434,97381	5,22489	10,29565,02619	0	9
	10	9,65484,96589	4,15845	9,95044,76719	1,06607	9,70440,19870	5,22452	10,29559,80130	50	
	20	9,65489,12434	4,15794	9,95043,70112	1,06620	9,70445,42322	5,22414	10,29554,57678	40	
	30	9,65493,28228	4,15744	9,95042,63492	1,06633	9,70450,64736	5,22377	10,29549,35264	30	
	40	9,65497,43972	4,15695	9,95041,56859	1,06646	9,70455,87113	5,22341	10,29544,12887	20	
	50	9,65501,59667	4,15645	9,95040,50213	1,06659	9,70461,09454	5,22304	10,29538,90546	10	
52	0	9,65505,75312	4,15593	9,95039,43554	1,06671	9,70466,31758	5,22264	10,29533,68242	0	8
	10	9,65509,90905	4,15546	9,95038,36883	1,06684	9,70471,54022	5,22230	10,29528,45978	50	
	20	9,65514,06451	4,15495	9,95037,30199	1,06697	9,70476,76252	5,22192	10,29523,23748	40	
	30	9,65518,21946	4,15444	9,95036,23502	1,06710	9,70481,98444	5,22154	10,29518,01556	30	
	40	9,65522,37390	4,15395	9,95035,16792	1,06723	9,70487,20598	5,22118	10,29512,79402	20	
	50	9,65526,52785	4,15346	9,95034,10069	1,06736	9,70492,42716	5,22082	10,29507,57284	10	
53	0	9,65530,68131	4,15294	9,95033,03333	1,06748	9,70497,64798	5,22042	10,29502,35202	0	7
	10	9,65534,83425	4,15245	9,95031,96585	1,06761	9,70502,86840	5,22006	10,29497,13160	50	
	20	9,65538,98670	4,15195	9,95030,89824	1,06774	9,70508,08846	5,21969	10,29491,91154	40	
	30	9,65543,13865	4,15145	9,95029,83050	1,06787	9,70513,30815	5,21932	10,29486,69185	30	
	40	9,65547,29010	4,15096	9,95028,76263	1,06800	9,70518,52747	5,21896	10,29481,47253	20	
	50	9,65551,44106	4,15045	9,95027,69463	1,06813	9,70523,74643	5,21858	10,29476,25357	10	
54	0	9,65555,59151	4,14996	9,95026,62650	1,06826	9,70528,96501	5,21822	10,29471,03499	0	6
	10	9,65559,74147	4,14946	9,95025,55824	1,06838	9,70534,18323	5,21784	10,29465,81677	50	
	20	9,65563,89093	4,14895	9,95024,48986	1,06851	9,70539,40107	5,21746	10,29460,59893	40	
	30	9,65568,03988	4,14846	9,95023,42135	1,06864	9,70544,61853	5,21710	10,29455,38147	30	
	40	9,65572,18834	4,14797	9,95022,35271	1,06877	9,70549,83563	5,21674	10,29450,16437	20	
	50	9,65576,33631	4,14746	9,95021,28394	1,06890	9,70555,05237	5,21636	10,29444,94763	10	
55	0	9,65580,48377	4,14696	9,95020,21504	1,06902	9,70560,26873	5,21598	10,29439,73127	0	5
	10	9,65584,63073	4,14646	9,95019,14602	1,06915	9,70565,48471	5,21561	10,29434,51529	50	
	20	9,65588,77719	4,14597	9,95018,07687	1,06928	9,70570,70032	5,21525	10,29429,29968	40	
	30	9,65592,92316	4,14548	9,95017,00759	1,06941	9,70575,91557	5,21489	10,29424,08443	30	
	40	9,65597,06864	4,14498	9,95015,93818	1,06954	9,70581,13046	5,21452	10,29418,86954	20	
	50	9,65601,21362	4,14447	9,95014,86864	1,06967	9,70586,34498	5,21414	10,29413,65502	10	
56	0	9,65605,35809	4,14398	9,95013,79897	1,06980	9,70591,55912	5,21378	10,29408,44088	0	4
	10	9,65609,50207	4,14348	9,95012,72917	1,06992	9,70596,77290	5,21340	10,29403,22710	50	
	20	9,65613,64555	4,14298	9,95011,65925	1,07005	9,70601,98630	5,21303	10,29398,01370	40	
	30	9,65617,78853	4,14249	9,95010,58920	1,07018	9,70607,19933	5,21267	10,29392,80067	30	
	40	9,65621,93102	4,14199	9,95009,51902	1,07031	9,70612,41200	5,21230	10,29387,58800	20	
	50	9,65626,07301	4,14149	9,95008,44871	1,07044	9,70617,62430	5,21193	10,29382,37570	10	
57	0	9,65630,21450	4,14100	9,95007,37827	1,07057	9,70622,83623	5,21157	10,29377,16377	0	3
	10	9,65634,35550	4,14050	9,95006,30770	1,07070	9,70628,04780	5,21120	10,29371,95220	50	
	20	9,65638,49600	4,14000	9,95005,23700	1,07082	9,70633,25900	5,21082	10,29366,74100	40	
	30	9,65642,63600	4,13951	9,95004,16618	1,07095	9,70638,46982	5,21046	10,29361,53018	30	
	40	9,65646,77551	4,13900	9,95003,09523	1,07108	9,70643,68028	5,21008	10,29356,31972	20	
	50	9,65650,91451	4,13851	9,95002,02415	1,07121	9,70648,89036	5,20972	10,29351,10964	10	
58	0	9,65655,05302	4,13802	9,95000,95294	1,07134	9,70654,10008	5,20936	10,29345,89992	0	2
	10	9,65659,19104	4,13752	9,94999,88160	1,07147	9,70659,30944	5,20899	10,29340,69056	50	
	20	9,65663,32856	4,13702	9,94998,81013	1,07159	9,70664,51843	5,20861	10,29335,48157	40	
	30	9,65667,46558	4,13653	9,94997,73854	1,07172	9,70669,72704	5,20825	10,29330,27296	30	
	40	9,65671,60211	4,13603	9,94996,66682	1,07185	9,70674,93529	5,20788	10,29325,06471	20	
	50	9,65675,73814	4,13553	9,94995,59497	1,07198	9,70680,14317	5,20751	10,29319,85683	10	
59	0	9,65679,87367	4,13504	9,94994,52299	1,07211	9,70685,35068	5,20715	10,29314,64932	0	1
	10	9,65684,00871	4,13454	9,94993,45088	1,07224	9,70690,55783	5,20678	10,29309,44217	50	
	20	9,65688,14325	4,13406	9,94992,37864	1,07237	9,70695,76461	5,20643	10,29304,23539	40	
	30	9,65692,27731	4,13357	9,94991,30627	1,07250	9,70700,97104	5,20607	10,29299,02896	30	
	40	9,65696,41088	4,13306	9,94990,23377	1,07262	9,70706,17711	5,20568	10,29293,82289	20	
	50	9,65700,54394	4,13255	9,94989,16115	1,07275	9,70711,38279	5,20530	10,29288,61721	10	
60	0	9,65704,67649	4,13206	9,94988,08840	1,07288	9,70716,58809	5,20494	10,29283,41191	0	0
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,65704,67649	4,13206	9,94988,08840	1,07288	9,70716,58809	5,20494	10,29283,41191	0	60
	10	9,65708,80855	4,13157	9,94987,01552	1,07301	9,70721,79303	5,20458	10,29278,20697	50	
	20	9,65712,94012	4,13109	9,94985,94251	1,07314	9,70726,99761	5,20423	10,29273,00239	40	
	30	9,65717,07121	4,13059	9,94984,86937	1,07327	9,70732,20184	5,20386	10,29267,79816	30	
	40	9,65721,20180	4,13008	9,94983,79610	1,07339	9,70737,40570	5,20347	10,29262,59430	20	
	50	9,65725,33188	4,12958	9,94982,72271	1,07352	9,70742,60917	5,20310	10,29257,39083	10	
1	0	9,65729,46146	4,12909	9,94981,64919	1,07365	9,70747,81227	5,20274	10,29252,18773	0	59
	10	9,65733,59055	4,12861	9,94980,57554	1,07378	9,70753,01501	5,20239	10,29246,98499	50	
	20	9,65737,71916	4,12811	9,94979,50176	1,07391	9,70758,21740	5,20202	10,29241,78260	40	
	30	9,65741,84727	4,12760	9,94978,42785	1,07404	9,70763,41942	5,20164	10,29236,58058	30	
	40	9,65745,97487	4,12711	9,94977,35381	1,07416	9,70768,62106	5,20127	10,29231,37894	20	
	50	9,65750,10198	4,12664	9,94976,27965	1,07429	9,70773,82233	5,20093	10,29226,17767	10	
2	0	9,65754,22862	4,12614	9,94975,20536	1,07442	9,70779,02326	5,20056	10,29220,97674	0	58
	10	9,65758,35476	4,12563	9,94974,13094	1,07455	9,70784,22382	5,20018	10,29215,77618	50	
	20	9,65762,48039	4,12513	9,94973,05639	1,07468	9,70789,42400	5,19981	10,29210,57600	40	
	30	9,65766,60552	4,12465	9,94971,98171	1,07481	9,70794,62381	5,19946	10,29205,37619	30	
	40	9,65770,73017	4,12415	9,94970,90690	1,07494	9,70799,82327	5,19909	10,29200,17673	20	
	50	9,65774,85432	4,12367	9,94969,83196	1,07507	9,70805,02236	5,19874	10,29194,97764	10	
3	0	9,65778,97799	4,12317	9,94968,75689	1,07520	9,70810,22110	5,19837	10,29189,77890	0	57
	10	9,65783,10116	4,12268	9,94967,68169	1,07533	9,70815,41947	5,19801	10,29184,58053	50	
	20	9,65787,22384	4,12218	9,94966,60636	1,07545	9,70820,61748	5,19763	10,29179,38252	40	
	30	9,65791,34602	4,12170	9,94965,53091	1,07558	9,70825,81511	5,19728	10,29174,18489	30	
	40	9,65795,46772	4,12119	9,94964,45533	1,07571	9,70831,01239	5,19690	10,29168,98761	20	
	50	9,65799,58891	4,12069	9,94963,37962	1,07584	9,70836,20929	5,19653	10,29163,79071	10	
4	0	9,65803,70960	4,12021	9,94962,30378	1,07597	9,70841,40582	5,19618	10,29158,59418	0	56
	10	9,65807,82981	4,11971	9,94961,22781	1,07610	9,70846,60200	5,19581	10,29153,39800	50	
	20	9,65811,94952	4,11923	9,94960,15171	1,07623	9,70851,79781	5,19546	10,29148,20219	40	
	30	9,65816,06875	4,11873	9,94959,07548	1,07635	9,70856,99327	5,19508	10,29143,00673	30	
	40	9,65820,18748	4,11823	9,94957,99913	1,07648	9,70862,18835	5,19471	10,29137,81165	20	
	50	9,65824,30571	4,11774	9,94956,92265	1,07661	9,70867,38306	5,19435	10,29132,61694	10	
5	0	9,65828,42345	4,11725	9,94955,84604	1,07674	9,70872,57741	5,19399	10,29127,42259	0	55
	10	9,65832,54070	4,11677	9,94954,76930	1,07687	9,70877,77140	5,19364	10,29122,22860	50	
	20	9,65836,65747	4,11627	9,94953,69243	1,07700	9,70882,96504	5,19327	10,29117,03496	40	
	30	9,65840,77374	4,11578	9,94952,61543	1,07713	9,70888,15831	5,19291	10,29111,84169	30	
	40	9,65844,88952	4,11528	9,94951,53830	1,07725	9,70893,35122	5,19253	10,29106,64878	20	
	50	9,65849,00480	4,11478	9,94950,46105	1,07738	9,70898,54375	5,19216	10,29101,45625	10	
6	0	9,65853,11958	4,11428	9,94949,38367	1,07750	9,70903,73591	5,19178	10,29096,26409	0	54
	10	9,65857,23386	4,11381	9,94948,30617	1,07764	9,70908,92769	5,19145	10,29091,07231	50	
	20	9,65861,34767	4,11332	9,94947,22853	1,07777	9,70914,11914	5,19109	10,29085,88086	40	
	30	9,65865,46099	4,11282	9,94946,15076	1,07790	9,70919,31023	5,19072	10,29080,68977	30	
	40	9,65869,57381	4,11235	9,94945,07286	1,07803	9,70924,50095	5,19038	10,29075,49905	20	
	50	9,65873,68616	4,11184	9,94943,99483	1,07816	9,70929,69133	5,19000	10,29070,30867	10	
7	0	9,65877,79800	4,11135	9,94942,91667	1,07829	9,70934,88133	5,18964	10,29065,11867	0	53
	10	9,65881,90935	4,11086	9,94941,83838	1,07842	9,70940,07097	5,18928	10,29059,92903	50	
	20	9,65886,02021	4,11037	9,94940,75996	1,07854	9,70945,26025	5,18891	10,29054,73975	40	
	30	9,65890,13058	4,10988	9,94939,68142	1,07867	9,70950,44916	5,18855	10,29049,55084	30	
	40	9,65894,24046	4,10938	9,94938,60275	1,07880	9,70955,63771	5,18818	10,29044,36229	20	
	50	9,65898,34984	4,10889	9,94937,52395	1,07893	9,70960,82589	5,18782	10,29039,17411	10	
8	0	9,65902,45873	4,10840	9,94936,44502	1,07906	9,70966,01371	5,18746	10,29033,98629	0	52
	10	9,65906,56713	4,10791	9,94935,36596	1,07919	9,70971,20117	5,18710	10,29028,79883	50	
	20	9,65910,67504	4,10743	9,94934,28677	1,07932	9,70976,38827	5,18675	10,29023,61173	40	
	30	9,65914,78247	4,10694	9,94933,20745	1,07945	9,70981,57502	5,18639	10,29018,42498	30	
	40	9,65918,88941	4,10644	9,94932,12800	1,07957	9,70986,76141	5,18601	10,29013,23859	20	
	50	9,65922,99585	4,10594	9,94931,04843	1,07970	9,70991,94742	5,18564	10,29008,05258	10	
9	0	9,65927,10179	4,10545	9,94929,96873	1,07983	9,70997,13306	5,18528	10,29002,86694	0	51
	10	9,65931,20724	4,10497	9,94928,88890	1,07996	9,71002,31834	5,18493	10,28997,68166	50	
	20	9,65935,31221	4,10448	9,94927,80894	1,08009	9,71007,50327	5,18457	10,28992,49673	40	
	30	9,65939,41669	4,10399	9,94926,72885	1,08022	9,71012,68784	5,18421	10,28987,31216	30	
	40	9,65943,52068	4,10350	9,94925,64863	1,08035	9,71017,87205	5,18385	10,28982,12795	20	
	50	9,65947,62418	4,10302	9,94924,56828	1,08048	9,71023,05590	5,18350	10,28976,94410	10	
10	0	9,65951,72720	4,10253	9,94923,48780	1,08061	9,71028,23940	5,18314	10,28971,76060	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,65951,72720	4,10253	9,94923,48780	1,08061	9,71028,23940	5,18314	10,28971,76060	0	50
	10	9,65955,82973	4,10204	9,94922,40719	1,08074	9,71033,42254	5,18278	10,28966,57746	50	
	20	9,65959,93177	4,10154	9,94921,32645	1,08086	9,71038,60532	5,18240	10,28961,39468	40	
	30	9,65964,03331	4,10106	9,94920,24559	1,08099	9,71043,78772	5,18205	10,28956,21228	30	
	40	9,65968,13437	4,10056	9,94919,16460	1,08112	9,71048,96977	5,18168	10,28951,03023	20	
	50	9,65972,23493	4,10007	9,94918,08348	1,08125	9,71054,15145	5,18132	10,28945,84855	10	
11	0	9,65976,33500	4,09957	9,94917,00223	1,08137	9,71059,33277	5,18094	10,28940,66723	0	49
	10	9,65980,43457	4,09910	9,94915,92086	1,08151	9,71064,51371	5,18061	10,28935,48629	50	
	20	9,65984,53367	4,09861	9,94914,83935	1,08164	9,71069,69432	5,18025	10,28930,30568	40	
	30	9,65988,63228	4,09812	9,94913,75771	1,08177	9,71074,87457	5,17989	10,28925,12543	30	
	40	9,65992,73040	4,09763	9,94912,67594	1,08190	9,71080,05446	5,17953	10,28919,94554	20	
	50	9,65996,82803	4,09715	9,94911,59404	1,08203	9,71085,23399	5,17918	10,28914,76601	10	
12	0	9,66000,92518	4,09666	9,94910,51201	1,08216	9,71090,41317	5,17882	10,28909,58683	0	48
	10	9,66005,02184	4,09616	9,94909,42985	1,08228	9,71095,59199	5,17844	10,28904,40801	50	
	20	9,66009,11800	4,09567	9,94908,34757	1,08241	9,71100,77043	5,17808	10,28899,22957	40	
	30	9,66013,21367	4,09518	9,94907,26516	1,08254	9,71105,94851	5,17772	10,28894,05149	30	
	40	9,66017,30885	4,09470	9,94906,18262	1,08267	9,71111,12623	5,17737	10,28888,87377	20	
	50	9,66021,40355	4,09421	9,94905,09995	1,08280	9,71116,30360	5,17701	10,28883,69640	10	
13	0	9,66025,49776	4,09372	9,94904,01715	1,08293	9,71121,48061	5,17665	10,28878,51939	0	47
	10	9,66029,59148	4,09323	9,94902,93422	1,08306	9,71126,65726	5,17629	10,28873,34274	50	
	20	9,66033,68471	4,09276	9,94901,85116	1,08319	9,71131,83355	5,17595	10,28868,16645	40	
	30	9,66037,77747	4,09227	9,94900,76797	1,08332	9,71137,00950	5,17559	10,28862,99050	30	
	40	9,66041,86974	4,09177	9,94899,68465	1,08344	9,71142,18509	5,17521	10,28857,81491	20	
	50	9,66045,96151	4,09127	9,94898,60121	1,08357	9,71147,36030	5,17484	10,28852,63970	10	
14	0	9,66050,05278	4,09081	9,94897,51764	1,08371	9,71152,53514	5,17452	10,28847,46486	0	46
	10	9,66054,14359	4,09031	9,94896,43393	1,08383	9,71157,70966	5,17414	10,28842,29034	50	
	20	9,66058,23390	4,08982	9,94895,35010	1,08396	9,71162,88380	5,17378	10,28837,11620	40	
	30	9,66062,32372	4,08933	9,94894,26614	1,08409	9,71168,05758	5,17342	10,28831,94242	30	
	40	9,66066,41305	4,08885	9,94893,18205	1,08422	9,71173,23100	5,17307	10,28826,76900	20	
	50	9,66070,50190	4,08837	9,94892,09783	1,08435	9,71178,40407	5,17272	10,28821,59593	10	
15	0	9,66074,59027	4,08788	9,94891,01348	1,08448	9,71183,57679	5,17236	10,28816,42321	0	45
	10	9,66078,67815	4,08739	9,94889,92900	1,08461	9,71188,74915	5,17200	10,28811,25085	50	
	20	9,66082,76554	4,08690	9,94888,84439	1,08474	9,71193,92115	5,17164	10,28806,07885	40	
	30	9,66086,85244	4,08640	9,94887,75965	1,08486	9,71199,09279	5,17126	10,28800,90721	30	
	40	9,66090,93884	4,08592	9,94886,67479	1,08499	9,71204,26405	5,17091	10,28795,73595	20	
	50	9,66095,02476	4,08544	9,94885,58980	1,08512	9,71209,43496	5,17056	10,28790,56504	10	
16	0	9,66099,11020	4,08496	9,94884,50468	1,08526	9,71214,60552	5,17022	10,28785,39448	0	44
	10	9,66103,19516	4,08446	9,94883,41942	1,08538	9,71219,77574	5,16984	10,28780,22426	50	
	20	9,66107,27962	4,08399	9,94882,33404	1,08551	9,71224,94558	5,16950	10,28775,05442	40	
	30	9,66111,36361	4,08350	9,94881,24853	1,08564	9,71230,11508	5,16914	10,28769,88492	30	
	40	9,66115,44711	4,08301	9,94880,16289	1,08577	9,71235,28422	5,16878	10,28764,71578	20	
	50	9,66119,53012	4,08252	9,94879,07712	1,08590	9,71240,45300	5,16842	10,28759,54700	10	
17	0	9,66123,61264	4,08204	9,94877,99122	1,08603	9,71245,62142	5,16807	10,28754,37858	0	43
	10	9,66127,69468	4,08156	9,94876,90519	1,08616	9,71250,78949	5,16772	10,28749,21051	50	
	20	9,66131,77624	4,08107	9,94875,81903	1,08629	9,71255,95721	5,16736	10,28744,04279	40	
	30	9,66135,85731	4,08058	9,94874,73274	1,08642	9,71261,12457	5,16700	10,28738,87543	30	
	40	9,66139,93789	4,08009	9,94873,64632	1,08654	9,71266,29157	5,16663	10,28733,70843	20	
	50	9,66144,01798	4,07961	9,94872,55978	1,08667	9,71271,45820	5,16628	10,28728,54180	10	
18	0	9,66148,09759	4,07913	9,94871,47311	1,08681	9,71276,62448	5,16594	10,28723,37552	0	42
	10	9,66152,17672	4,07864	9,94870,38630	1,08693	9,71281,79042	5,16557	10,28718,20958	50	
	20	9,66156,25536	4,07816	9,94869,29937	1,08706	9,71286,95599	5,16522	10,28713,04401	40	
	30	9,66160,33352	4,07767	9,94868,21231	1,08719	9,71292,12121	5,16486	10,28707,87879	30	
	40	9,66164,41119	4,07718	9,94867,12512	1,08732	9,71297,28607	5,16450	10,28702,71393	20	
	50	9,66168,48837	4,07670	9,94866,03780	1,08745	9,71302,45057	5,16415	10,28697,54943	10	
19	0	9,66172,56507	4,07621	9,94864,95035	1,08757	9,71307,61472	5,16378	10,28692,38528	0	41
	10	9,66176,64128	4,07573	9,94863,86278	1,08771	9,71312,77850	5,16344	10,28687,22150	50	
	20	9,66180,71701	4,07525	9,94862,77507	1,08784	9,71317,94194	5,16309	10,28682,05806	40	
	30	9,66184,79226	4,07477	9,94861,68723	1,08797	9,71323,10503	5,16274	10,28676,89497	30	
	40	9,66188,86703	4,07428	9,94860,59926	1,08810	9,71328,26777	5,16238	10,28671,73223	20	
	50	9,66192,94131	4,07379	9,94859,51116	1,08823	9,71333,43015	5,16202	10,28666,56985	10	
20	0	9,66197,01510	4,07331	9,94858,42293	1,08836	9,71338,59217	5,16167	10,28661,40783	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20′	0	9,66197,01510	4,07331	9,94858,42293	1,08836	9,71338,59217	5,16167	10,28661,40783	0	40
	10	9,66201,08841	4,07283	9,94857,33457	1,08849	9,71343,75384	5,16132	10,28656,24616	50	
	20	9,66205,16124	4,07235	9,94856,24608	1,08862	9,71348,91516	5,16097	10,28651,08484	40	
	30	9,66209,23359	4,07186	9,94855,15746	1,08874	9,71354,07613	5,16060	10,28645,92387	30	
	40	9,66213,30545	4,07137	9,94854,06872	1,08887	9,71359,23673	5,16024	10,28640,76327	20	
	50	9,66217,37682	4,07088	9,94852,97985	1,08900	9,71364,39697	5,15988	10,28635,60303	10	
21	0	9,66221,44770	4,07042	9,94851,89085	1,08914	9,71369,55685	5,15956	10,28630,44315	0	39
	10	9,66225,51812	4,06992	9,94850,80171	1,08926	9,71374,71641	5,15918	10,28625,28359	50	
	20	9,66229,58804	4,06944	9,94849,71245	1,08939	9,71379,87559	5,15883	10,28620,12441	40	
	30	9,66233,65748	4,06896	9,94848,62306	1,08952	9,71385,03442	5,15848	10,28614,96558	30	
	40	9,66237,72644	4,06847	9,94847,53354	1,08965	9,71390,19290	5,15812	10,28609,80710	20	
	50	9,66241,79491	4,06799	9,94846,44389	1,08978	9,71395,35102	5,15777	10,28604,64898	10	
22	0	9,66245,86290	4,06750	9,94845,35411	1,08990	9,71400,50879	5,15740	10,28599,49121	0	38
	10	9,66249,93040	4,06702	9,94844,26421	1,09003	9,71405,66619	5,15705	10,28594,33381	50	
	20	9,66253,99742	4,06654	9,94843,17418	1,09017	9,71410,82324	5,15671	10,28589,17676	40	
	30	9,66258,06396	4,06606	9,94842,08401	1,09030	9,71415,97995	5,15636	10,28584,02005	30	
	40	9,66262,13002	4,06558	9,94840,99371	1,09043	9,71421,13631	5,15601	10,28578,86369	20	
	50	9,66266,19560	4,06510	9,94839,90328	1,09056	9,71426,29232	5,15566	10,28573,70768	10	
23	0	9,66270,26070	4,06461	9,94838,81272	1,09069	9,71431,44798	5,15530	10,28568,55202	0	37
	10	9,66274,32531	4,06413	9,94837,72203	1,09082	9,71436,60328	5,15495	10,28563,39672	50	
	20	9,66278,38944	4,06365	9,94836,63121	1,09094	9,71441,75823	5,15459	10,28558,24177	40	
	30	9,66282,45309	4,06317	9,94835,54027	1,09107	9,71446,91282	5,15424	10,28553,08718	30	
	40	9,66286,51626	4,06268	9,94834,44920	1,09120	9,71452,06706	5,15388	10,28547,93294	20	
	50	9,66290,57894	4,06219	9,94833,35800	1,09133	9,71457,22094	5,15352	10,28542,77906	10	
24	0	9,66294,64113	4,06171	9,94832,26667	1,09146	9,71462,37446	5,15317	10,28537,62554	0	36
	10	9,66298,70284	4,06123	9,94831,17521	1,09159	9,71467,52763	5,15282	10,28532,47237	50	
	20	9,66302,76407	4,06076	9,94830,08362	1,09172	9,71472,68045	5,15248	10,28527,31955	40	
	30	9,66306,82483	4,06028	9,94828,99190	1,09185	9,71477,83293	5,15213	10,28522,16707	30	
	40	9,66310,88511	4,05979	9,94827,90005	1,09198	9,71482,98506	5,15177	10,28517,01494	20	
	50	9,66314,94490	4,05930	9,94826,80807	1,09211	9,71488,13683	5,15141	10,28511,86317	10	
25	0	9,66319,00420	4,05882	9,94825,71596	1,09223	9,71493,28824	5,15105	10,28506,71176	0	35
	10	9,66323,06302	4,05834	9,94824,62373	1,09237	9,71498,43929	5,15071	10,28501,56071	50	
	20	9,66327,12136	4,05787	9,94823,53136	1,09250	9,71503,59000	5,15037	10,28496,41000	40	
	30	9,66331,17923	4,05739	9,94822,43886	1,09263	9,71508,74037	5,15002	10,28491,25963	30	
	40	9,66335,23662	4,05691	9,94821,34623	1,09276	9,71513,89039	5,14967	10,28486,10961	20	
	50	9,66339,29353	4,05641	9,94820,25347	1,09289	9,71519,04006	5,14930	10,28480,95994	10	
26	0	9,66343,34994	4,05593	9,94819 16058	1,09302	9,71524,18936	5,14895	10,28475,81064	0	34
	10	9,66347,40587	4,05546	9,94818,06756	1,09315	9,71529,33831	5,14861	10,28470,66169	50	
	20	9,66351,46133	4,05500	9,94816,97441	1,09328	9,71534,48692	5,14828	10,28465,51308	40	
	30	9,66355,51633	4,05451	9,94815,88113	1,09341	9,71539,63520	5,14792	10,28460,36480	30	
	40	9,66359,57084	4,05400	9,94814,78772	1,09353	9,71544,78312	5,14753	10,28455,21688	20	
	50	9,66363,62484	4,05353	9,94813,69419	1,09366	9,71549,93065	5,14719	10,28450,06935	10	
27	0	9,66367,67837	4,05306	9,94812,60053	1,09379	9,71555,07784	5,14685	10,28444,92216	0	33
	10	9,66371,73143	4,05257	9,94811,50674	1,09392	9,71560,22469	5,14649	10,28439,77531	50	
	20	9,66375,78400	4,05209	9,94810,41282	1,09405	9,71565,37118	5,14614	10,28434,62882	40	
	30	9,66379,83609	4,05161	9,94809,31877	1,09418	9,71570,51732	5,14579	10,28429,48268	30	
	40	9,66383,88770	4,05115	9,94808,22459	1,09432	9,71575,66311	5,14547	10,28424,33689	20	
	50	9,66387,93885	4,05066	9,94807,13027	1,09445	9,71580,80858	5,14511	10,28419,19142	10	
28	0	9,66391,98951	4,05019	9,94806,03582	1,09458	9,71585,95369	5,14477	10,28414,04631	0	32
	10	9,66396,03970	4,04969	9,94804,94124	1,09470	9,71591,09846	5,14439	10,28408,90154	50	
	20	9,66400,08939	4,04921	9,94803,84654	1,09483	9,71596,24285	5,14404	10,28403,75715	40	
	30	9,66404,13860	4,04873	9,94802,75171	1,09496	9,71601,38689	5,14369	10,28398,61311	30	
	40	9,66408,18733	4,04826	9,94801,65675	1,09509	9,71606,53058	5,14335	10,28393,46942	20	
	50	9,66412,23559	4,04778	9,94800,56166	1,09522	9,71611,67393	5,14300	10,28388,32607	10	
29	0	9,66416,28337	4,04730	9,94799,46644	1,09535	9,71616,81693	5,14265	10,28383,18307	0	31
	10	9,66420,33067	4,04682	9,94798,37109	1,09548	9,71621,95958	5,14230	10,28378,04042	50	
	20	9,66424,37749	4,04634	9,94797,27561	1,09561	9,71627,10188	5,14195	10,28372,89812	40	
	30	9,66428,42383	4,04587	9,94796,18000	1,09574	9,71632,24383	5,14161	10,28367,75617	30	
	40	9,66432,46970	4,04538	9,94795,08426	1,09587	9,71637,38544	5,14125	10,28362,61456	20	
	50	9,66436,51508	4,04490	9,94793,98839	1,09600	9,71642,52669	5,14090	10,28357,47331	10	
30	0	9,66440,55998	4,04442	9,94792,89239	1,09613	9,71647,66759	5,14055	10,28352,33241	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
30	0	9,66440,55998	4,04442	9,94792,89239	1,09613	9,71647,66759	5,14055	10,28352,33241	0	30
	10	9,66444,60440	4,04395	9,94791,79626	1,09626	9,71652,80814	5,14021	10,28347,19186	50	
	20	9,66448,64835	4,04347	9,94790,70000	1,09639	9,71657,94835	5,13986	10,28342,05165	40	
	30	9,66452,69182	4,04299	9,94789,60361	1,09652	9,71663,08821	5,13951	10,28336,91179	30	
	40	9,66456,73481	4,04252	9,94788,50709	1,09665	9,71668,22772	5,13917	10,28331,77228	20	
	50	9,66460,77733	4,04202	9,94787,41044	1,09677	9,71673,36689	5,13879	10,28326,63311	10	
31	0	9,66464,81935	4,04155	9,94786,31367	1,09690	9,71678,50568	5,13845	10,28321,49432	0	29
	10	9,66468,86090	4,04107	9,94785 21677	1,09703	9,71683,64413	5,13810	10,28316,35587	50	
	20	9,66472,90197	4,04059	9,94784,11974	1,09716	9,71688,78223	5,13775	10,28311,21777	40	
	30	9,66476,94256	4,04013	9,94783,02258	1,09730	9,71693,91998	5,13743	10,28306,08002	30	
	40	9,66480,98269	4,03964	9,94781,92528	1,09743	9,71699,05741	5,13707	10,28300,94259	20	
	50	9,66485,02233	4,03917	9,94780,82785	1,09756	9,71704,19448	5,13673	10,28295,80552	10	
32	0	9,66489,06150	4,03869	9,94779,73029	1,09769	9,71709,33121	5,13638	19,28290,66879	0	28
	10	9,66493,10019	4,03821	9,94778,63260	1,09782	9,71714,46759	5,13603	10,28285,53241	50	
	20	9,66497,13840	4,03774	9,94777,53478	1,09795	9,71719,60362	5,13569	10,28280,39638	40	
	30	9,66501,17614	4,03724	9,94776,43683	1,09807	9,71724,73931	5,13531	10,28275,26069	30	
	40	9,66505,21338	4,03677	9,94775,33876	1,09820	9,71729,87462	5,13497	10,28270,12538	20	
	50	9,66509,25015	4,03630	9,94774,24056	1,09833	9,71735,00959	5,13463	10,28264,99041	10	
33	0	9,66513,28645	4,03582	9,94773,14223	1,09846	9,71740,14422	5,13428	10,28259,85578	0	27
	10	9,66517,32227	4,03534	9,94772,04377	1,09859	9,71745,27850	5,13393	10,28254,72150	50	
	20	9,66521,35761	4,03487	9,94770,94518	1,09872	9,71750,41243	5,13359	10,28249,58757	40	
	30	9,66525,39248	4,03439	9,94769,84646	1,09886	9,71755,54602	5,13325	10,28244,45398	30	
	40	9,66529,42687	4,03392	9,94768,74760	1,09899	9,71760,67927	5,13291	10,28239,32073	20	
	50	9,66533,46079	4,03345	9,94767,64861	1,09912	9,71765,81218	5,13257	10,28234,18782	10	
34	0	9,66537,49424	4,03296	9,94766,54949	1,09925	9,71770,94475	5,13221	10,28229,05525	0	26
	10	9,66541,52720	4,03249	9,94765,45024	1,09938	9,71776,07696	5,13187	10,28223,92304	50	
	20	9,66545,55969	4,03202	9,94764,35086	1,09951	9,71781,20883	5,13153	10,28218,79117	40	
	30	9,66549,59171	4,03152	9,94763,25135	1,09963	9,71786,34036	5,13115	10,28213,65964	30	
	40	9,66553,62323	4,03105	9,94762,15172	1,09976	9,71791,47151	5,13081	10,28208,52849	20	
	50	9,66557,65428	4,03058	9,94761,05196	1,09989	9,71796,60232	5,13047	10,28203,39768	10	
35	0	9,66561,68486	4,03010	9,94759,95207	1,10002	9,71801,73279	5,13012	10,28198,26721	0	25
	10	9,66565,71496	4,02962	9,94758,85205	1,10015	9,71806,86291	5,12977	10,28193,13709	50	
	20	9,66569,74458	4,02915	9,94757,75190	1,10028	9,71811,99268	5,12943	10,28188,00732	40	
	30	9,66573,77373	4,02869	9,94756,65162	1,10042	9,71817,12211	5,12911	10,28182,87789	30	
	40	9,66577,80242	4,02820	9,94755,55120	1,10055	9,71822,25122	5,12875	10,28177,74878	20	
	50	9,66581,83062	4,02773	9,94754,45065	1,10068	9,71827,37997	5,12841	10,28172,62003	10	
36	0	9,66585,85835	4,02726	9,94753,34997	1,10081	9,71832,50838	5,12807	10,28167,49162	0	24
	10	9,66589,88561	4,02678	9,94752,24916	1,10094	9,71837,63645	5,12772	10,28162,36355	50	
	20	9,66593,91239	4,02629	9,94751,14822	1,10106	9,71842,76417	5,12735	10,28157,23583	40	
	30	9,66597,93868	4,02582	9,94750,04716	1,10119	9,71847,89152	5,12701	10,28152,10848	30	
	40	9,66601,96450	4,02535	9,94748,94597	1,10132	9,71853,01853	5,12667	10,28146,98147	20	
	50	9,66605,98985	4,02486	9,94747,84465	1,10145	9,71858,14520	5,12631	10,28141,85480	10	
37	0	9,66610,01471	4,02439	9,94746,74320	1,10158	9,71863,27151	5,12597	10,28136,72849	0	23
	10	9,66614,03910	4,02392	9,94745,64162	1,10171	9,71868,39748	5,12563	10,28131,60252	50	
	20	9,66618,06302	4,02345	9,94744,53991	1,10184	9,71873,52311	5,12529	10,28126,47689	40	
	30	9,66622,08647	4,02297	9,94743,43807	1,10197	9,71878,64840	5,12494	10,28121,35160	30	
	40	9,66626,10944	4,02250	9,94742,33610	1,10211	9,71883,77334	5,12461	10,28116,22666	20	
	50	9,66630,13194	4,02203	9,94741,23399	1,10224	9,71888,89795	5,12427	10,28111,10205	10	
38	0	9,66634,15397	4,02156	9,94740,13175	1,10237	9,71894,02222	5,12393	10,28105,97778	0	22
	10	9,66638,17553	4,02108	9,94739,02938	1,10250	9,71899,14615	5,12358	10,28100,85385	50	
	20	9,66642,19661	4,02060	9,94737,92688	1,10263	9,71904,26973	5,12323	10,28095,73027	40	
	30	9,66646,21721	4,02012	9,94736,82425	1,10275	9,71909,39296	5,12287	10,28090,60704	30	
	40	9,66650,23733	4,01965	9,94735,72150	1,10288	9,71914,51583	5,12253	10,28085,48417	20	
	50	9,66654,25698	4,01917	9,94734,61862	1,10301	9,71919,63836	5,12218	10,28080,36164	10	
39	0	9,66658,27615	4,01870	9,94733,51561	1,10315	9,71924,76054	5,12185	10,28075,23946	0	21
	10	9,66662,29485	4,01823	9,94732,41246	1,10328	9,71929,88239	5,12151	10,28070,11761	50	
	20	9,66666,31308	4,01778	9,94731,30918	1,10341	9,71935,00390	5,12119	10,28064,99610	40	
	30	9,66670,33086	4,01728	9,94730,20577	1,10353	9,71940,12509	5,12081	10,28059,87491	30	
	40	9,66674,34814	4,01681	9,94729,10224	1,10366	9,71945,24590	5,12047	10,28054,75410	20	
	50	9,66678,36495	4,01632	9,94727,99858	1,10379	9,71950,36637	5,12011	10,28049,63363	10	
40	0	9,66682,38127	4,01585	9,94726,89479	1,10392	9,71955,48648	5,11977	10,28044,51352	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,66682,38127	4,01585	9,94726,89479	1,10392	9,71955,48648	5,11977	10,28044,51352	0	20
	10	9,66686,39712	4,01538	9,94725,79087	1,10405	9,71960,60625	5,11943	10,28039,39375	50	
	20	9,66690,41250	4,01492	9,94724,68682	1,10418	9,71965,72568	5,11910	10,28034,27432	40	
	30	9,66694,42742	4,01445	9,94723,58264	1,10432	9,71970,84478	5,11877	10,28029,15522	30	
	40	9,66698,44187	4,01397	9,94722,47832	1,10445	9,71975,96355	5,11842	10,28024,03645	20	
	50	9,66702,45584	4,01349	9,94721,37387	1,10458	9,71981,08197	5,11807	10,28018,91803	10	
41	0	9,66706,46933	4,01301	9,94720,26929	1,10470	9,71986,20004	5,11771	10,28013,79996	0	19
	10	9,66710,48234	4,01254	9,94719,16459	1,10483	9,71991,31775	5,11737	10,28008,68225	50	
	20	9,66714,49488	4,01209	9,94718,05976	1,10497	9,71996,43512	5,11706	10,28003,56488	40	
	30	9,66718,50697	4,01161	9,94716,95479	1,10510	9,72001,55218	5,11671	10,27998,44782	30	
	40	9,66722,51858	4,01114	9,94715,84969	1,10523	9,72006,66889	5,11637	10,27993,33111	20	
	50	9,66726,52972	4,01066	9,94714,74446	1,10536	9,72011,78526	5,11602	10,27988,21474	10	
42	0	9,66730,54038	4,01017	9,94713,63910	1,10548	9,72016,90128	5,11565	10,27983,09872	0	18
	10	9,66734,55055	4,00971	9,94712,53362	1,10562	9,72022,01693	5,11533	10,27977,98307	50	
	20	9,66738,56026	4,00926	9,94711,42800	1,10575	9,72027,13226	5,11501	10,27972,86774	40	
	30	9,66742,56952	4,00877	9,94710,32225	1,10588	9,72032,24727	5,11465	10,27967,75273	30	
	40	9,66746,57829	4,00830	9,94709,21637	1,10601	9,72037,36192	5,11431	10,27962,63808	20	
	50	9,66750,58659	4,00783	9,94708,11036	1,10614	9,72042,47623	5,11397	10,27957,52377	10	
43	0	9,66754,59442	4,00735	9,94707,00422	1,10626	9,72047,59020	5,11361	10,27952,40980	0	17
	10	9,66758,60177	4,00689	9,94705,89796	1,10640	9,72052,70381	5,11329	10,27947,29619	50	
	20	9,66762,60866	4,00640	9,94704,79156	1,10653	9,72057,81710	5,11293	10,27942,18290	40	
	30	9,66766,61506	4,00593	9,94703,68503	1,10666	9,72062,93003	5,11259	10,27937,06997	30	
	40	9,66770,62099	4,00546	9,94702,57837	1,10679	9,72068,04262	5,11225	10,27931,95738	20	
	50	9,66774,62645	4,00501	9,94701,47158	1,10692	9,72073,15487	5,11193	10,27926,84513	10	
44	0	9,66778,63146	4,00454	9,94700,36466	1,10706	9,72078,26680	5,11160	10,27921,73320	0	16
	10	9,66782,63600	4,00405	9,94699,25760	1,10718	9,72083,37840	5,11123	10,27916,62160	50	
	20	9,66786,64005	4,00358	9,94698,15042	1,10731	9,72088,48963	5,11089	10,27911,51037	40	
	30	9,66790,64363	4,00311	9,94697,04311	1,10744	9,72093,60052	5,11055	10,27906,39948	30	
	40	9,66794,64674	4,00264	9,94695,93567	1,10757	9,72098,71107	5,11021	10,27901,28893	20	
	50	9,66798,64938	4,00217	9,94694,82810	1,10770	9,72103,82128	5,10987	10,27896,17872	10	
45	0	9,66802,65155	4,00170	9,94693,72040	1,10783	9,72108,93115	5,10953	10,27891,06885	0	15
	10	9,66806,65325	4,00123	9,94692,61257	1,10796	9,72114,04068	5,10919	10,27885,95932	50	
	20	9,66810,65448	4,00074	9,94691,50461	1,10809	9,72119,14987	5,10883	10,27880,85013	40	
	30	9,66814,65522	4,00027	9,94690,39652	1,10822	9,72124,25870	5,10849	10,27875,74130	30	
	40	9,66818,65549	3,99982	9,94689,28830	1,10836	9,72129,36719	5,10818	10,27870,63281	20	
	50	9,66822,65531	3,99936	9,94688,17994	1,10849	9,72134,47537	5,10785	10,27865,52463	10	
46	0	9,66826,65467	3,99889	9,94687,07145	1,10862	9,72139,58322	5,10751	10,27860,41678	0	14
	10	9,66830,65356	3,99841	9,94685,96283	1,10875	9,72144,69073	5,10716	10,27855,30927	50	
	20	9,66834,65197	3,99793	9,94684,85408	1,10888	9,72149,79789	5,10681	10,27850,20211	40	
	30	9,66838,64990	3,99745	9,94683,74520	1,10900	9,72154,90470	5,10645	10,27845,09530	30	
	40	9,66842,64735	3,99698	9,94682,63620	1,10913	9,72160,01115	5,10611	10,27839,98885	20	
	50	9,66846,64433	3,99653	9,94681 52707	1,10926	9,72165,11726	5,10579	10,27834,88274	10	
47	0	9,66850,64086	3,99606	9,94680,41781	1,10939	9,72170,22305	5,10545	10,27829,77695	0	13
	10	9,66854,63692	3,99558	9,94679,30842	1,10953	9,72175,32850	5,10511	10,27824,67150	50	
	20	9,66858,63250	3,99511	9,94678,19889	1,10966	9,72180,43361	5,10477	10,27819,56639	40	
	30	9,66862,62761	3,99464	9,94677,08923	1,10979	9,72185,53838	5,10443	10,27814,46162	30	
	40	9,66866,62225	3,99418	9,94675,97944	1,10992	9,72190,64281	5,10410	10,27809,35719	20	
	50	9,66870,61643	3,99372	9,94674,86952	1,11005	9,72195,74691	5,10377	10,27804,25309	10	
48	0	9,66874,61015	3,99325	9,94673,75947	1,11018	9,72200,85068	5,10343	10,27799,14932	0	12
	10	9,66878,60340	3,99277	9,94672,64929	1,11031	9,72205,95411	5,10308	10,27794,04589	50	
	20	9,66882,59617	3,99229	9,94671,53898	1,11044	9,72211,05719	5,10273	10,27788,94281	40	
	30	9,66886,58846	3,99182	9,94670,42854	1,11057	9,72216,15992	5,10239	10,27783,84008	30	
	40	9,66890,58028	3,99136	9,94669,31797	1,11070	9,72221,26231	5,10206	10,27778,73769	20	
	50	9,66894,57164	3,99091	9,94668,20727	1,11084	9,72226,36437	5,10175	10,27773,63563	10	
49	0	9,66898,56255	3,99044	9,94667,09643	1,11097	9,72231,46612	5,10141	10,27768,53388	0	11
	10	9,66902,55299	3,98996	9,94665,98546	1,11110	9,72236,56753	5,10106	10,27763,43247	50	
	20	9,66906,54295	3,98947	9,94664,87436	1,11122	9,72241,66859	5,10069	10,27758,33141	40	
	30	9,66910,53242	3,98900	9,94663,76314	1,11135	9,72246,76928	5,10035	10,27753,23072	30	
	40	9,66914,52142	3,98855	9,94662,65179	1,11148	9,72251,86963	5,10003	10,27748,13037	20	
	50	9,66918,50997	3,98808	9,94661,54031	1,11161	9,72256,96966	5,09969	10,27743,03034	10	
50	0	9,66922,49805	3,98761	9,94660,42870	1,11174	9,72262,06935	5,09935	10,27737,93065	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,66922,49805	3,98761	9,94660,42870	1,11174	9,72262,06935	5,09935	10,27737,93065	0	10
	10	9,66926,48566	3,98714	9,94659,31696	1,11187	9,72267,16870	5,09901	10,27732,83130	50	
	20	9,66930,47280	3,98668	9,94658,20509	1,11201	9,72272,26771	5,09869	10,27727,73229	40	
	30	9,66934,45948	3,98621	9,94657,09308	1,11214	9,72277,36640	5,09835	10,27722,63360	30	
	40	9,66938,44569	3,98574	9,94655,98094	1,11227	9,72282,46475	5,09801	10,27717,53525	20	
	50	9,66942,43143	3,98529	9,94654,86867	1,11240	9,72287,56276	5,09769	10,27712,43724	10	
51	0	9,66946,41672	3,98482	9,94653,75627	1,11253	9,72292,66045	5,09735	10,27707,33955	0	9
	10	9,66950,40154	3,98433	9,94652,64374	1,11266	9,72297,75780	5,09699	10,27702,24220	50	
	20	9,66954,38587	3,98386	9,94651,53108	1,11279	9,72302,85479	5,09665	10,27697,14521	40	
	30	9,66958,36973	3,98339	9,94650,41829	1,11292	9,72307,95144	5,09631	10,27692,04856	30	
	40	9,66962,35312	3,98294	9,94649,30537	1,11305	9,72313,04775	5,09599	10,27686,95225	20	
	50	9,66966,33606	3,98247	9,94648,19232	1,11318	9,72318,14374	5,09565	10,27681,85626	10	
52	0	9,66970,31853	3,98200	9,94647,07914	1,11331	9,72323,23939	5,09531	10,27676,76061	0	8
	10	9,66974,30053	3,98153	9,94645,96583	1,11344	9,72328,33470	5,09497	10,27671,66530	50	
	20	9,66978,28206	3,98106	9,94644,85239	1,11357	9,72333,42967	5,09463	10,27666,57033	40	
	30	9,66982,26312	3,98059	9,94643,73882	1,11370	9,72338,52430	5,09429	10,27661,47570	30	
	40	9,66986,24371	3,98013	9,94642,62512	1,11384	9,72343,61859	5,09397	10,27656,38141	20	
	50	9,66990,22384	3,97968	9,94641,51128	1,11397	9,72348,71256	5,09365	10,27651,28744	10	
53	0	9,66994,20352	3,97921	9,94640 39731	1,11410	9,72353,80621	5,09331	10,27646,19379	0	7
	10	9,66998,18273	3,97874	9,94639,28321	1,11423	9,72358,89952	5,09297	10,27641,10048	50	
	20	9,67002,16147	3,97826	9,94638,16898	1,11436	9,72363,99249	5,09262	10,27636,00751	40	
	30	9,67006,13973	3,97780	9,94637,05462	1,11449	9,72369,08511	5,09229	10,27630,91489	30	
	40	9,67010,11753	3,97733	9,94635,94013	1,11462	9,72374,17740	5,09195	10,27625,82260	20	
	50	9,67014,09486	3,97686	9,94634,82551	1,11475	9,72379,26935	5,09160	10,27620,73065	10	
54	0	9,67018,07172	3,97640	9,94633,71076	1,11488	9,72384,36095	5,09129	10,27615,63905	0	6
	10	9,67022,04812	3,97594	9,94632,59588	1,11501	9,72389,45224	5,09095	10,27610,54776	50	
	20	9,67026,02406	3,97547	9,94631,48087	1,11514	9,72394,54319	5,09061	10,27605,45681	40	
	30	9,67029,99953	3,97500	9,94630,36573	1,11527	9,72399,63380	5,09027	10,27600,36620	30	
	40	9,67033,97453	3,97453	9,94629,25046	1,11540	9,72404,72407	5,08993	10,27595,27593	20	
	50	9,67037,94906	3,97407	9,94628,13506	1,11553	9,72409,81400	5,08960	10,27590,18600	10	
55	0	9,67041,92313	3,97361	9,94627,01953	1,11566	9,72414,90360	5,08927	10,27585,09640	0	5
	10	9,67045,89674	3,97314	9,94625,90387	1,11579	9,72419,99287	5,08893	10,27580,00713	50	
	20	9,67049,86988	3,97266	9,94624,78808	1,11593	9,72425,08180	5,08859	10,27574,91820	40	
	30	9,67053,84254	3,97221	9,94623,67215	1,11606	9,72430,17039	5,08827	10,27569,82961	30	
	40	9,67057,81475	3,97174	9,94622,55609	1,11619	9,72435,25866	5,08793	10,27564,74134	20	
	50	9,67061,78649	3,97129	9,94621,43990	1,11632	9,72440,34659	5,08761	10,27559,65341	10	
56	0	9,67065,75778	3,97083	9,94620,32358	1,11646	9,72445,43420	5,08729	10,27554,56580	0	4
	10	9,67069,72861	3,97035	9,94619,20712	1,11658	9,72450,52149	5,08693	10,27549,47851	50	
	20	9,67073,69896	3,96987	9,94618,09054	1,11671	9,72455,60842	5,08658	10,27544,39158	40	
	30	9,67077,66883	3,96941	9,94616,97383	1,11684	9,72460,69500	5,08625	10,27539,30500	30	
	40	9,67081,63824	3,96896	9,94615,85699	1,11697	9,72465,78125	5,08593	10,27534,21875	20	
	50	9,67085,60720	3,96849	9,94614,74002	1,11710	9,72470,86718	5,08559	10,27529,13282	10	
57	0	9,67089,57569	3,96802	9,94613,62292	1,11723	9,72475,95277	5,08525	10,27524,04723	0	3
	10	9,67093,54371	3,96755	9,94612,50569	1,11736	9,72481,03802	5,08491	10,27518,96198	50	
	20	9,67097,51126	3,96710	9,94611,38833	1,11750	9,72486,12293	5,08460	10,27513,87707	40	
	30	9,67101,47836	3,96664	9,94610,27083	1,11763	9,72491,20753	5,08427	10,27508,79247	30	
	40	9,67105,44500	3,96617	9,94609,15320	1,11776	9,72496,29180	5,08393	10,27503,70820	20	
	50	9,67109,41117	3,96569	9,94608,03544	1,11789	9,72501,37573	5,08358	10,27498,62427	10	
58	0	9,67113,37686	3,96523	9,94606,91755	1,11802	9,72506,45931	5,08325	10,27493,54069	0	2
	10	9,67117,34209	3,96478	9,94605,79953	1,11815	9,72511,54256	5,08293	10,27488,45744	50	
	20	9,67121,30687	3,96431	9,94604,68138	1,11828	9,72516,62549	5,08259	10,27483,37451	40	
	30	9,67125,27118	3,96384	9,94603,56310	1,11841	9,72521,70808	5,08225	10,27478,29192	30	
	40	9,67129,23502	3,96338	9,94602,44469	1,11854	9,72526,79033	5,08192	10,27473,20967	20	
	50	9,67133,19840	3,96292	9,94601,32615	1,11867	9,72531,87225	5,08159	10,27468,12775	10	
59	0	9,67137,16132	3,96245	9,94600,20748	1,11880	9,72536,95384	5,08125	10,27463,04616	0	1
	10	9,67141,12377	3,96198	9,94599,08868	1,11893	9,72542,03509	5,08091	10,27457,96491	50	
	20	9,67145,08575	3,96153	9,94597,96975	1,19907	9,72547,11600	5,08060	10,27452,88400	40	
	30	9,67149,04728	3,96107	9,94596,85068	1,11920	9,72552,19660	5,08027	10,27447,80340	30	
	40	9,67153,00835	3,96060	9,94595,73148	1,11933	9,72557,27687	5,07993	10,27442 72313	20	
	50	9,67156,96895	3,96014	9,94594,61215	1,11946	9,72562,35680	5,07960	10,27437,64320	10	
60	0	9,67160,92909	3,95969	9,94593,49269	1,11960	9,72567,43640	5,07929	10,27432,56360	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,67160,92909	3,95960	9,94593,49269	1,11960	9,72567,43640	5,07929	10,27432,56360	0	60
	10	9,67164,88878	3,95921	9,94592,37309	1,11972	9,72572,51569	5,07893	10,27427,48431	50	
	20	9,67168,84799	3,95874	9,94591,25337	1,11985	9,72577,59462	5,07859	10,27422,40538	40	
	30	9,67172,80673	3,95829	9,94590,13352	1,11998	9,72582,67321	5,07827	10,27417,32679	30	
	40	9,67176,76502	3,95782	9,94589,01354	1,12011	9,72587,75148	5,07793	10,27412,24852	20	
	50	9,67180,72284	3,95735	9,94587,89343	1,12024	9,72592,82941	5,07759	10,27407,17059	10	
1	0	9,67184,68019	3,95689	9,94586,77319	1,12037	9,72597,90700	5,07726	10,27402,09300	0	59
	10	9,67188,63708	3,95644	9,94585,65282	1,12051	9,72602,98426	5,07695	10,27397,01574	50	
	20	9,67192,59352	3,95597	9,94584,53231	1,12064	9,72608,06121	5,07661	10,27391,93879	40	
	30	9,67196,54949	3,95550	9,94583,41167	1,12077	9,72613,13782	5,07627	10,27386,86218	30	
	40	9,67200,50499	3,95505	9,94582,29090	1,12090	9,72618,21409	5,07595	10,27381,78591	20	
	50	9,67204,46004	3,95459	9,94581,17000	1,12103	9,72623,29004	5,07562	10,27376,70996	10	
2	0	9,67208,41463	3,95413	9,94580,04897	1,12116	9,72628,36566	5,07529	10,27371,63434	0	58
	10	9,67212,36876	3,95366	9,94578,92781	1,12129	9,72633,44095	5,07495	10,27366,55905	50	
	20	9,67216,32242	3,95318	9,94577,80652	1,12142	9,72638,51590	5,07460	10,27361,48410	40	
	30	9,67220,27560	3,95274	9,94576,68510	1,12156	9,72643,59050	5,07430	10,27356,40950	30	
	40	9,67224,22834	3,95228	9,94575,56354	1,12169	9,72648,66480	5,07397	10,27351,33520	20	
	50	9,67228,18062	3,95182	9,94574,44185	1,12182	9,72653,73877	5,07364	10,27346,26123	10	
3	0	9,67232,13244	3,95136	9,94573,32003	1,12195	9,72658,81241	5,07331	10,27341,18759	0	57
	10	9,67236,08380	3,95089	9,94572,19808	1,12208	9,72663,88572	5,07297	10,27336,11428	50	
	20	9,67240,03469	3,95042	9,94571,07600	1,12221	9,72668,95869	5,07263	10,27331,04131	40	
	30	9,67243,98511	3,94996	9,94569,95379	1,12234	9,72674,03132	5,07230	10,27325,96868	30	
	40	9,67247,93507	3,94951	9,94568,83145	1,12247	9,72679,10362	5,07198	10,27320,89638	20	
	50	9,67251,88458	3,94905	9,94567,70898	1,12260	9,72684,17560	5,07165	10,27315,82440	10	
4	0	9,67255,83363	3,94858	9,94566,58638	1,12273	9,72689,24725	5,07131	10,27310,75275	0	56
	10	9,67259,78221	3,94811	9,94565,46365	1,12286	9,72694,31856	5,07097	10,27305,68144	50	
	20	9,67263,73032	3,94767	9,94564,34079	1,12300	9,72699,38953	5,07067	10,27300,61047	40	
	30	9,67267,67709	3,94720	9,94563,21779	1,12313	9,72704,46020	5,07033	10,27295,53980	30	
	40	9,67271,62519	3,94674	9,94562,09466	1,12326	9,72709,53053	5,07000	10,27290,46947	20	
	50	9,67275,57193	3,94628	9,94560,97140	1,12339	9,72714,60053	5,06967	10,27285,39947	10	
5	0	9,67279,51821	3,94581	9,94559,84801	1,12352	9,72719,67020	5,06933	10,27280,32980	0	55
	10	9,67283,46402	3,94536	9,94558,72449	1,12365	9,72724,73953	5,06901	10,27275,26047	50	
	20	9,67287,40938	3,94490	9,94557,60084	1,12378	9,72729,80854	5,06868	10,27270,19146	40	
	30	9,67291,35428	3,94444	9,94556,47706	1,12391	9,72734,87722	5,06835	10,27265,12278	30	
	40	9,67295,29872	3,94398	9,94555,35315	1,12405	9,72739,94557	5,06803	10,27260,05443	20	
	50	9,67299,24270	3,94352	9,94554,22910	1,12418	9,72745,01360	5,06770	10,27254,98640	10	
6	0	9,67303,18622	3,94306	9,94553,10492	1,12431	9,72750,08130	5,06737	10,27249,91870	0	54
	10	9,67307,12928	3,94259	9,94551,98061	1,12444	9,72755,14867	5,06703	10,27244,85133	50	
	20	9,67311,07187	3,94214	9,94550,85617	1,12457	9,72760,21570	5,06671	10,27239,78430	40	
	30	9,67315,01401	3,94167	9,94549,73160	1,12470	9,72765,28241	5,06637	10,27234,71759	30	
	40	9,67318,95568	3,94122	9,94548,60690	1,12483	9,72770,34878	5,06605	10,27229,65122	20	
	50	9,67322,89690	3,94076	9,94547,48207	1,12497	9,72775,41483	5,06573	10,27224,58517	10	
7	0	9,67326,83766	3,94029	9,94546,35710	1,12510	9,72780,48056	5,06539	10,27219,51944	0	53
	10	9,67330,77795	3,93985	9,94545,23200	1,12523	9,72785,54595	5,06508	10,27214,45405	50	
	20	9,67334,71780	3,93939	9,94544,10677	1,12536	9,72790,61103	5,06475	10,27209,38897	40	
	30	9,67338,65719	3,93892	9,94542,98141	1,12549	9,72795,67578	5,06441	10,27204,32422	30	
	40	9,67342,59611	3,93846	9,94541,85592	1,12562	9,72800,74019	5,06408	10,27199,25981	20	
	50	9,67346,53457	3,93800	9,94540,73030	1,12575	9,72805,80427	5,06375	10,27194,19573	10	
8	0	9,67350,47257	3,93753	9,94539,60455	1,12588	9,72810,86802	5,06341	10,27189,13198	0	52
	10	9,67354,41010	3,93708	9,94538,47867	1,12601	9,72815,93143	5,06309	10,27184,06857	50	
	20	9,67358,34718	3,93664	9,94537,35266	1,12615	9,72820,99452	5,06279	10,27179,00548	40	
	30	9,67362,28382	3,93617	9,94536,22651	1,12628	9,72826,05731	5,06245	10,27173,94269	30	
	40	9,67366,21999	3,93570	9,94535,10023	1,12641	9,72831,11976	5,06211	10,27168,88024	20	
	50	9,67370,15569	3,93525	9,94533,97382	1,12654	9,72836,18187	5,06179	10,27163,81813	10	
9	0	9,67374,09001	3,93478	9,94532,84728	1,12667	9,72841,24366	5,06145	10,27158,75634	0	51
	10	9,67378,02572	3,93433	9,94531,72061	1,12680	9,72846,30511	5,06113	10,27153,69489	50	
	20	9,67381,96005	3,93387	9,94530,59381	1,12693	9,72851,36624	5,06080	10,27148,63376	40	
	30	9,67385,89392	3,93341	9,94529,46688	1,12706	9,72856,42704	5,06047	10,27143,57296	30	
	40	9,67389,82733	3,93296	9,94528,33982	1,12720	9,72861,48751	5,06016	10,27138,51249	20	
	50	9,67393,76029	3,93250	9,94527,21262	1,12733	9,72866,54767	5,05983	10,27133,45233	10	
10	0	9,67397,69279	3,93203	9,94526,08529	1,12746	9,72871,60750	5,05949	10,27128,39250	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,67397,69279	3,93203	9,94526,08529	1,12746	9,72871,60750	5,05949	10,27128,39250	0	50
	10	9,67401,62482	3,93158	9,94524,95783	1,12759	9,72876,66699	5,05917	10,27123,33301	50	
	20	9,67405,55640	3,93113	9,94523,83024	1,12772	9,72881,72616	5,05885	10,27118,27384	40	
	30	9,67409,48753	3,93066	9,94522,70252	1,12785	9,72886,78501	5,05851	10,27113,21499	30	
	40	9,67413,41819	3,93021	9,94521,57467	1,12798	9,72891,84352	5,05819	10,27108,15648	20	
	50	9,67417,34840	3,92975	9,94520,44669	1,12812	9,72896,90171	5,05787	10,27103,09829	10	
11	0	9,67421,27815	3,92929	9,94519,31857	1,12825	9,72901,95958	5,05754	10,27098,04042	0	49
	10	9,67425,20744	3,92884	9,94518,19032	1,12838	9,72907,01712	5,05722	10,27092,98288	50	
	20	9,67429,13628	3,92838	9,94517,06194	1,12851	9,72912,07434	5,05689	10,27087,92566	40	
	30	9,67433,06466	3,92791	9,94515,93343	1,12864	9,72917,13123	5,05655	10,27082,86877	30	
	40	9,67436,99257	3,92746	9,94514,80479	1,12877	9,72922,18778	5,05623	10,27077,81222	20	
	50	9,67440,92003	3,92701	9,94513,67602	1,12890	9,72927,24401	5,05591	10,27072,75599	10	
12	0	9,67444,84704	3,92655	9,94512,54712	1,12903	9,72932,29992	5,05558	10,27067,70008	0	48
	10	9,67448,77359	3,92610	9,94511,41809	1,12917	9,72937,35550	5,05527	10,27062,64450	50	
	20	9,67452,69969	3,92563	9,94510,28892	1,12930	9,72942,41077	5,05493	10,27057,58923	40	
	30	9,67456,62532	3,92518	9,94509,15962	1,12943	9,72947,46570	5,05461	10,27052,53430	30	
	40	9,67460,55050	3,92472	9,94508,03019	1,12956	9,72952,52031	5,05428	10,27047,47969	20	
	50	9,67464,47522	3,92426	9,94506,90063	1,12969	9,72957,57459	5,05395	10,27042,42541	10	
13	0	9,67468,39948	3,92381	9,94505,77094	1,12982	9,72962,62854	5,05363	10,27037,37146	0	47
	10	9,67472,32329	3,92335	9,94504,64112	1,12996	9,72967,68217	5,05331	10,27032,31783	50	
	20	9,67476,24664	3,92289	9,94503,51116	1,13009	9,72972,73548	5,05298	10,27027,26452	40	
	30	9,67480,16953	3,92243	9,94502,38107	1,13022	9,72977,78846	5,05265	10,27022,21154	30	
	40	9,67484,09196	3,92199	9,94501,25085	1,13035	9,72982,84111	5,05234	10,27017,15889	20	
	50	9,67488,01395	3,92153	9,94500,12050	1,13048	9,72987,89345	5,05201	10,27012,10655	10	
14	0	9,67491,93548	3,92106	9,94498,99002	1,13061	9,72992,94546	5,05167	10,27007,05454	0	46
	10	9,67495,85654	3,92061	9,94497,85941	1,13074	9,72997,99713	5,05135	10,27002,00287	50	
	20	9,67499,77715	3,92017	9,94496,72867	1,13088	9,73003,04848	5,05105	10,26996,95152	40	
	30	9,67503,69732	3,91970	9,94495,59779	1,13101	9,73008,09953	5,05071	10,26991,90047	30	
	40	9,67507,61702	3,91925	9,94494,46678	1,13114	9,73013,15024	5,05039	10,26986,84976	20	
	50	9,67511,53627	3,91878	9,94493,33564	1,13127	9,73018,20063	5,05005	10,26981,79937	10	
15	0	9,67515,45505	3,91832	9,94492,20437	1,13140	9,73023,25068	5,04972	10,26976,74932	0	45
	10	9,67519,37337	3.91787	9,94491,07297	1,13153	9,73028,30040	5,04940	10,26971,69960	50	
	20	9,67523,29124	3,91743	9,94489,94144	1,13166	9,73033,34980	5,04909	10,26966,65020	40	
	30	9,67527,20867	3,91697	9,94488,80978	1,13180	9,73038,39889	5,04877	10,26961,60111	30	
	40	9,67531,12564	3,91652	9,94487,67798	1,13193	9,73043,44766	5,04845	10,26956,55234	20	
	50	9,67535,04216	3,91605	9,94486,54605	1,13206	9,73048,49611	5,04811	10,26951,50389	10	
16	0	9,67538,95821	3,91559	9,94485,41399	1,13219	9,73053,54422	5,04778	10,26946,45578	0	44
	10	9,67542,87380	3,91514	9,94484,28180	1,13232	9,73058,59200	5,04746	10,26941,40800	50	
	20	9,67546,78894	3,91470	9,94483,14948	1,13245	9,73063,63946	5,04715	10,26936,36054	40	
	30	9,67550,70364	3,91425	9,94482,01703	1,13259	9,73068,68661	5,04684	10,26931,31339	30	
	40	9,67554,61789	3,91379	9,94480,88444	1,13272	9,73073,73345	5,04651	10,26926,26655	20	
	50	9,67558,53168	3,91332	9,94479,75172	1,13285	9,73078,77996	5,04617	10,26921,22004	10	
17	0	9,67562,44500	3,91287	9,94478,61887	1,13298	9,73083,82613	5,04585	10,26916,17387	0	43
	10	9,67566,35787	3,91242	9,94477,48589	1,13311	9,73088,87198	5,04553	10,26911,12802	50	
	20	9,67570,27029	3,91196	9,94476,35278	1,13324	9,73093,91751	5,04520	10,26906,08249	40	
	30	9,67574,18225	3,91152	9,94475,21954	1,13338	9,73098,96271	5,04490	10,26901,03729	30	
	40	9,67578,09377	3,90106	9,94474,08616	1,13351	9,73104,00761	5,04457	10,26895,99239	20	
	50	9,67582,00483	3,90059	9,94472,95265	1,13364	9,73109,05218	5,04423	10,26890,94782	10	
18	0	9,67585,91542	3,90014	9,94471,81901	1,13377	9,73114,09641	5,04391	10,26885,90359	0	42
	10	9,67589,82556	3,90969	9,94470,68524	1,13390	9,73119,14032	5,04359	10,26880,85968	50	
	20	9,67593,73525	3,90923	9,94469,55134	1,13403	9,73124,18391	5,04326	10,26875,81609	40	
	30	9,67597,64448	3,90879	9,94468,41731	1,13417	9,73129,22717	5,04296	10,26870,77283	30	
	40	9,67601,55327	3,90833	9,94467,28314	1,13430	9,73134,27013	5,04263	10,26865,72987	20	
	50	9,67605,46160	3,90788	9,94466,14884	1,13443	9,73139,31276	5,04231	10,26860,68724	10	
19	0	9,67609,36948	3,90743	9,94465,01441	1,13456	9,73144,35507	5,04199	10,26855,64493	0	41
	10	9,67613,27691	3,90696	9,94463,87985	1,13469	9,73149,39706	5,04165	10,26850,60294	50	
	20	9,67617,18387	3,90652	9,94462,74516	1,13483	9,73154,43871	5,04135	10,26845,56129	40	
	30	9,67621,09039	3,90607	9,94461,61033	1,13496	9,73159,48006	5,04103	10,26840,51994	30	
	40	9,67624,99646	3,90561	9,94460,47537	1,13509	9,73164,52109	5,04070	10,26835,47891	20	
	50	9,67628,90207	3,90515	9,94459,34028	1,13522	9,73169,56179	5,04037	10,26830,43821	10	
20	0	9,67632,80722	3,90469	9,94458,20506	1,13535	9,73174,60216	5,04004	10,26825,39784	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	9,67632,80722	3,90469	9,94458,20506	1,13535	9,73174,60216	5,04004	10,26825,39784	0	40
	10	9,67636,71191	3,90425	9,94457,06971	1,13548	9,73179,64220	5,03973	10,26820,35780	50	
	20	9,67640,61616	3,90381	9,94455,93423	1,13562	9,73184,68193	5,03943	10,26815,31807	40	
	30	9,67644,51997	3,90335	9,94454,79861	1,13575	9,73189,72136	5,03910	10,26810,27864	30	
	40	9,67648,42332	3,90289	9,94453,66286	1,13588	9,73194,76046	5,03877	10,26805,23954	20	
	50	9,67652,32621	3,90243	9,94452,52698	1,13601	9,73199,79923	5,03844	10,26800,20077	10	
21	0	9,67656,22864	3,90199	9,94451,39097	1,13614	9,73204,83767	5,03813	10,26795,16233	0	39
	10	9,67660,13063	3,90153	9,94450,25483	1,13627	9,73209,87580	5,03780	10,26790,12420	50	
	20	9,67664,03216	3,90108	9,94449,11856	1,13641	9,73214,91360	5,03749	10,26785,08640	40	
	30	9,67667,93324	3,90063	9,94447,98215	1,13654	9,73219,95109	5,03717	10,26780,04891	30	
	40	9,67671,83387	3,90018	9,94446,84561	1,13667	9,73224,98826	5,03685	10,26775,01174	20	
	50	9,67675,73405	3,89972	9,94445,70894	1,13680	9,73230,02511	5,03652	10,26769,97489	10	
22	0	9,67679,63377	3,89926	9,94444,57214	1,13693	9,73235,06163	5,03619	10,26764,93837	0	38
	10	9,67683,53303	3,89881	9,94443,43521	1,13706	9,73240,09782	5,03587	10,26759,90218	50	
	20	9,67687,43184	3,89838	9,94442,29815	1,13720	9,73245,13369	5,03558	10,26754,86631	40	
	30	9,67691,33022	3,89792	9,94441,16095	1,13733	9,73250,16927	5,03525	10,26749,83073	30	
	40	9,67695,22814	3,89746	9,94440,02362	1,13746	9,73255,20452	5,03492	10,26744,79548	20	
	50	9,67699,12560	3,89701	9,94438,88616	1,13759	9,73260,23944	5,03460	10,26739,76056	10	
23	0	9,67703,02261	3,89655	9,94437,74857	1,13772	9,73265,27404	5,03427	10,26734,72596	0	37
	10	9,67706,91916	3,89611	9,94436,61085	1,13786	9,73270,30831	5,03397	10,26729,69169	50	
	20	9,67710,81527	3,89566	9,94435,47299	1,13799	9,73275,34228	5,03365	10,26724,65772	40	
	30	9,67714,71093	3,89521	9,94434,33500	1,13812	9,73280,37593	5,03333	10,26719,62407	30	
	40	9,67718,60614	3,89474	9,94433,19688	1,13825	9,73285,40926	5,03299	10,26714,59074	20	
	50	9,67722,50088	3,89430	9,94432,05863	1,13838	9,73290,44225	5,03268	10,26709,55775	10	
24	0	9,67726,39518	3,89385	9,94430,92025	1,13852	9,73295,47493	5,03237	10,26704,52507	0	36
	10	9,67730,28903	3,89340	9,94429,78173	1,13865	9,73300,50730	5,03205	10,26699,49270	50	
	20	9,67734,18243	3,89295	9,94428,64308	1,13878	9,73305,53935	5,03173	10,26694,46065	40	
	30	9,67738,07538	3,89249	9,94427,50430	1,13891	9,73310,57108	5,03140	10,26689,42892	30	
	40	9,67741,96787	3,89204	9,94426,36539	1,13904	9,73315,60248	5,03108	10,26684,39752	20	
	50	9,67745,85991	3,89161	9,94425,22635	1,13918	9,73320,63356	5,03079	10,26679,36644	10	
25	0	9,67749,75152	3,89116	9,94424,08717	1,13931	9,73325,66435	5,03047	10,26674,33565	0	35
	10	9,67753,64268	3,89069	9,94422,94786	1,13944	9,73330,69482	5,03013	10,26669,30518	50	
	20	9,67757,53337	3,89023	9,94421,80842	1,13957	9,73335,72495	5,02980	10,26664,27505	40	
	30	9,67761,42360	3,88980	9,94420,66885	1,13970	9,73340,75475	5,02950	10,26659,24525	30	
	40	9,67765,31340	3,88935	9,94419,52915	1,13984	9,73345,78425	5,02919	10,26654,21575	20	
	50	9,67769,20275	3,88889	9,94418,38931	1,13997	9,73350,81344	5,02886	10,26649,18656	10	
26	0	9,67773,09164	3,88844	9,94417,24934	1,14010	9,73355,84230	5,02854	10,26644,15770	0	34
	10	9,67776,98008	3,88799	9,94416,10924	1,14023	9,73360,87084	5,02822	10,26639,12916	50	
	20	9,67780,86807	3,88755	9,94414,96901	1,14036	9,73365,89906	5,02791	10,26634,10094	40	
	30	9,67784,75562	3,88711	9,94413,82865	1,14050	9,73370,92697	5,02761	10,26629,07303	30	
	40	9,67788,64273	3,88664	9,94412,68815	1,14063	9,73375,95458	5,02727	10,26624,04542	20	
	50	9,67792,52937	3,88618	9,94411,54752	1,14076	9,73380,98185	5,02694	10,26619,01815	10	
27	0	9,67796,41555	3,88575	9,94410,40676	1,14090	9,73386,00879	5,02665	10,26613,99121	0	33
	10	9,67800,30130	3,88529	9,94409,26586	1,14102	9,73391,03544	5,02631	10,26608,96456	50	
	20	9,67804,18659	3,88483	9,94408,12484	1,14115	9,73396,06175	5,02598	10,26603,93825	40	
	30	9,67808,07142	3,88439	9,94406,98369	1,14129	9,73401,08773	5,02568	10,26598,91227	30	
	40	9,67811,95581	3,88394	9,94405,84240	1,14142	9,73406,11341	5,02536	10,26593,88659	20	
	50	9,67815,83975	3,88349	9,94404,70098	1,14155	9,73411,13877	5,02504	10,26588,86123	10	
28	0	9,67819,72324	3,88304	9,94403,55943	1,14168	9,73416,16381	5,02472	10,26583,83619	0	32
	10	9,67823,60628	3,88259	9,94402,41775	1,14181	9,73421,18853	5,02440	10,26578,81147	50	
	20	9,67827,48887	3,88215	9,94401,27594	1,14195	9,73426,21293	5,02410	10,26573,78707	40	
	30	9,67831,37102	3,88170	9,94400,13399	1,14208	9,73431,23703	5,02378	10,26568,76297	30	
	40	9,67835,25272	3,88125	9,94398,99191	1,14221	9,73436,26081	5,02346	10,26563,73919	20	
	50	9,67839,13397	3,88080	9,94397,84970	1,14235	9,73441,28427	5,02315	10,26558,71573	10	
29	0	9,67843,01477	3,88036	9,94396,70735	1,14248	9,73446,30742	5,02284	10,26553,69258	0	31
	10	9,67846,89513	3,87990	9,94395,56487	1,14261	9,73451,33026	5,02251	10,26548,66974	50	
	20	9,67850,77503	3,87945	9,94394,42226	1,14274	9,73456,35277	5,02219	10,26543,64723	40	
	30	9,67854,65448	3,87900	9,94393,27952	1,14285	9,73461,37496	5,02187	10,26538,62504	30	
	40	9,67858,53348	3,87855	9,94392,13665	1,14300	9,73466,39683	5,02155	10,26533,60317	20	
	50	9,67862,41203	3,87812	9,94390,99365	1,14314	9,73471,41838	5,02126	10,26528,58162	10	
30	0	9,67866,29015	3,87767	9,94389,85051	1,14327	9,73476,43964	5,02094	10,26523,56036	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,67866,29015	3,87767	9,94389,85051	1,14327	9,73476,43964	5,02094	10,26523,56036	0	30
	10	9,67870,16782	3,87721	9,94388,70724	1,14340	9,73481,46058	5,02061	10,26518,53942	50	
	20	9,67874,04503	3,87675	9,94387,56384	1,14353	9,73486,48119	5,02028	10,26513,51881	40	
	30	9,67877,92178	3,87632	9,94386,42031	1,14367	9,73491,50147	5,01999	10,26508,49853	30	
	40	9,67881,79810	3,87586	9,94385,27664	1,14380	9,73496,52146	5,01966	10,26503,47854	20	
	50	9,67885,67396	3,87542	9,94384,13284	1,14393	9,73501,54112	5,01935	10,26498,45888	10	
31	0	9,67889,54938	3,87497	9,94382,98891	1,14406	9,73506,56047	5,01903	10,26493,43953	0	29
	10	9,67893,42435	3,87453	9,94381,84485	1,14420	9,73511,57950	5,01873	10,26488,42050	50	
	20	9,67897,29888	3,87408	9,94380,70065	1,14433	9,73516,59823	5,01841	10,26483,40177	40	
	30	9,67901,17296	3,87363	9,94379,55632	1,14446	9,73521,61664	5,01809	10,26478,38336	30	
	40	9,67905,04659	3,87318	9,94378,41186	1,14459	9,73526,63473	5,01777	10,26473,36527	20	
	50	9,67908,91977	3,87273	9,94377,26727	1,14472	9,73531,65250	5,01745	10,26468,34750	10	
32	0	9,67912,79250	3,87229	9,94376,12255	1,14486	9,73536,66995	5,01715	10,26463,33005	0	28
	10	9,67916,66479	3,87184	9,94374,97769	1,14499	9,73541,68710	5,01683	10,26458,31290	50	
	20	9,67920,53663	3,87139	9,94373,83270	1,14512	9,73546,70393	5,01651	10,26453,29607	40	
	30	9,67924,40802	3,87093	9,94372,68758	1,14525	9,73551,72044	5,01618	10,26448,27956	30	
	40	9,67928,27895	3,87050	9,94371,54233	1,14539	9,73556,73662	5,01589	10,26443,26338	20	
	50	9,67932,14945	3,87006	9,94370,39694	1,14552	9,73561,75251	5,01558	10,26438,24749	10	
33	0	9,67936,01951	3,86961	9,94369,25142	1,14565	9,73566,76809	5,01526	10,26433,23191	0	27
	10	9,67939,88912	3,86916	9,94368,10577	1,14578	9,73571,78335	5,01494	10,26428,21665	50	
	20	9,67943,75828	3,86869	9,94366,95999	1,14591	9,73576,79829	5,01460	10,26423,20171	40	
	30	9,67947,62697	3,86826	9,94365,81408	1,14605	9,73581,81289	5,01431	10,26418,18711	30	
	40	9,67951,49523	3,86782	9,94364,66803	1,14618	9,73586,82720	5,01400	10,26413,17280	20	
	50	9,67955,36305	3,86737	9,94363,52185	1,14631	9,73591,84120	5,01368	10,26408,15880	10	
34	0	9,67959,23042	3,86692	9,94362,37554	1,14644	9,73596,85488	5,01336	10,26403,14512	0	26
	10	9,67963,09734	3,86647	9,94361,22910	1,14657	9,73601,86824	5,01304	10,26398,13176	50	
	20	9,67966,96381	3,86603	9,94360,08253	1,14671	9,73606,88128	5,01274	10,26393,11872	40	
	30	9,67970,82984	3,86558	9,94358,93582	1,14684	9,73611,89402	5,01242	10,26388,10598	30	
	40	9,67974,69542	3,86514	9,94357,78898	1,14698	9,73616,90644	5,01212	10,26383,09356	20	
	50	9,67978,56056	3,86470	9,94356,64200	1,14711	9,73621,91856	5,01181	10,26378,08144	10	
35	0	9,67982,42526	3,86424	9,94355,49489	1,14723	9,73626,93037	5,01147	10,26373,06963	0	25
	10	9,67986,28950	3,86380	9,94354,34766	1,14737	9,73631,94184	5,01117	10,26368,05816	50	
	20	9,67990,15330	3,86335	9,94353,20029	1,14750	9,73636,95301	5,01085	10,26363,04699	40	
	30	9,67994,01665	3,86291	9,94352,05279	1,14764	9,73641,96386	5,01055	10,26358,03614	30	
	40	9,67997,87956	3,86247	9,94350,90515	1,14777	9,73646,97441	5,01024	10,26353,02559	20	
	50	9,68001,74203	3,86202	9,94349,75738	1,14790	9,73651,98465	5,00992	10,26348,01535	10	
36	0	9,68005,60405	3,86157	9,94348,60948	1,14803	9,73656,99457	5,00960	10,26343,00543	0	24
	10	9,68009,46562	3,86112	9,94347,46145	1,14816	9,73662,00417	5,00928	10,26337,99583	50	
	20	9,68013,32674	3,86068	9,94346,31329	1,14829	9,73667,01345	5,00897	10,26332,98655	40	
	30	9,68017.18742	3,86024	9,94345,16500	1,14843	9,73672,02242	5,00867	10,26327,97758	30	
	40	9,68021,04766	3,85980	9,94344,01657	1,14857	9,73677,03109	5,00837	10,26322,96891	20	
	50	9,68024,90746	3,85935	9,94342,86800	1,14870	9,73682,03946	5,00805	10,26317,96054	10	
37	0	9,68028,76681	3,85889	9,94341,71930	1,14882	9,73687,04751	5,00771	10,26312,95249	0	23
	10	9,68032,62570	3,85846	9,94340,57048	1,14896	9,73692,05522	5,00742	10,26307,94478	50	
	20	9,68036,48416	3,85801	9,94339,42152	1,14909	9,73697,06264	5,00710	10,26302,93736	40	
	30	9,68040,34217	3,85757	9,94338,27243	1,14923	9,73702,06974	5,00680	10,26297,93026	30	
	40	9,68044,19974	3,85713	9,94337,12320	1,14936	9,73707,07654	5,00649	10,26292,92346	20	
	50	9,68048,05687	3,85668	9,94335,97384	1,14949	9,73712,08303	5,00617	10,26287,91697	10	
38	0	9,68051,91355	3,85624	9,94334,82435	1,14963	9,73717,08920	5,00587	10,26282,91080	0	22
	10	9,68055,76979	3,85579	9,94333,67472	1,14976	9,73722,09507	5,00555	10,26277,90493	50	
	20	9,68059,62558	3,85535	9,94332,52496	1,14989	9,73727,10062	5,00524	10,26272,89938	40	
	30	9,68063,48093	3,85491	9,94331,37507	1,15002	9,73732,10586	5,00493	10,26267,89414	30	
	40	9,68067,33584	3,85445	9,94330,22505	1,15015	9,73737,11079	5,00460	10,26262,88921	20	
	50	9,68071,19029	3,85400	9,94329,07490	1,15028	9,73742,11539	5,00428	10,26257,88461	10	
39	0	9,68075,04429	3,85357	9,94327,92462	1,15042	9,73747,11967	5,00399	10,26252,88033	0	21
	10	9,68078,89786	3,85312	9,94326,77420	1,15055	9,73752,12366	5,00367	10,26247,87634	50	
	20	9,68082,75098	3,85268	9,94325,62365	1,15068	9,73757,12733	5,00336	10,26242,87267	40	
	30	9,68086,60366	3,85224	9,94324,47297	1,15081	9,73762,13069	5,00305	10,26237,86931	30	
	40	9,68090,45590	3,85180	9,94323,32216	1,15095	9,73767,13374	5,00275	10,26232,86626	20	
	50	9,68094,30770	3,85133	9,94322,17121	1,15108	9,73772,13649	5,00241	10,26227,86351	10	
40	0	9,68098,15903	3,85089	9,94321,02013	1,15121	9,73777,13890	5,00210	10,26222,86110	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
40	0	9,68098,15903	3,85089	9,94321,02013	1,15121	9,73777,13890	5,00210	10,26222,86110	0	20
	10	9,68102,00992	3,85046	9,94319,86892	1,15134	9,73782,14100	5,00180	10,26217,85900	50	
	20	9,68105,86038	3,85003	9,94318,71758	1,15148	9,73787,14280	5,00151	10,26212,85720	40	
	30	9,68109,71041	3,84957	9,94317,56610	1,15161	9,73792,14431	5,00118	10,26207,85569	30	
	40	9,68113,55998	3,84913	9,94316,41449	1,15174	9,73797,14549	5,00087	10,26202,85451	20	
	50	9,68117,40911	3,84870	9,94315,26275	1,15188	9,73802,14636	5,00058	10,26197,85364	10	
41	0	9,68121,25781	3,84826	9,94314,11087	1,15201	9,73807,14694	5,00027	10,26192,85306	0	19
	10	9,68125,10607	3,84780	9,94312,95886	1,15214	9,73812,14721	4,99994	10,26187,85279	50	
	20	9,68128,95387	3,84734	9,94311,80672	1,15227	9,73817,14715	4,99961	10,26182,85285	40	
	30	9,68132,80121	3,84691	9,94310,65445	1,15241	9,73822,14676	4,99932	10,26177,85324	30	
	40	9,68136,64612	3,84648	9,94309,50204	1,15254	9,73827,14608	4,99902	10,26172,85392	20	
	50	9,68140,49460	3,84603	9,94308,34950	1,15267	9,73832,14510	4,99870	10,26167,85490	10	
42	0	9,68144,34063	3,84560	9,94307,19683	1,15281	9,73837,14380	4,99841	10,26162,85620	0	18
	10	9,68148,18623	3,84515	9,94306,04402	1,15294	9,73842,14221	4,99809	10,26157,85779	50	
	20	9,68152,03138	3,84469	9,94304,89108	1,15307	9,73847,14030	4,99776	10,26152,85970	40	
	30	9,68155,87607	3,84425	9,94303,73801	1,15320	9,73852,13806	4,99745	10,26147,86194	30	
	40	9,68159,72032	3,84381	9,94302,58481	1,15333	9,73857,13551	4,99714	10,26142,86449	20	
	50	9,68163,56413	3,84339	9,94301,43148	1,15347	9,73862,13265	4,99686	10,26137,86735	10	
43	0	9,68167,40752	3,84294	9,94300,27801	1,15360	9,73867,12951	4,99654	10,26132,87049	0	17
	10	9,68171,25046	3,84249	9,94299,12441	1,15373	9,73872,12605	4,99622	10,26127,87395	50	
	20	9,68175,09295	3,84205	9,94297,97068	1,15387	9,73877,12227	4,99592	10,26122,87773	40	
	30	9,68178,93500	3,84160	9,94296,81681	1,15400	9,73882,11819	4,99560	10,26117,88181	30	
	40	9,68182,77660	3,84117	9,94295,66281	1,15413	9,73887,11379	4,99530	10,26112,88621	20	
	50	9,68186,61777	3,84072	9,94294,50868	1,15426	9,73892,10909	4,99498	10,26107,89091	10	
44	0	9,68190,45849	3,84028	9,94293,35442	1,15440	9,73897,10407	4,99468	10,26102,89593	0	16
	10	9,68194,29877	3,83984	9,94292,20002	1,15453	9,73902,09875	4,99437	10,26097,90125	50	
	20	9,68198,13861	3,83940	9,94291,04549	1,15466	9,73907,09312	4,99406	10,26092,90688	40	
	30	9,68201,97801	3,83895	9,94289,89083	1,15479	9,73912,08718	4,99374	10,26087,91282	30	
	40	9,68205,81696	3,83852	9,94288,73604	1,15493	9,73917,08092	4,99345	10,26082,91908	20	
	50	9,68209,65548	3,83807	9,94287,58111	1,15506	9,73922,07437	4,99313	10,26077,92563	10	
45	0	9,68213,49355	3,83764	9,94286,42605	1,15520	9,73927,06750	4,99284	10,26072,93250	0	15
	10	9,68217,33119	3,83720	9,94285,27085	1,15533	9,73932,06034	4,99253	10,26067,93966	50	
	20	9,68221,16839	3,83675	9,94284,11552	1,15546	9,73937,05287	4,99221	10,26062,94713	40	
	30	9,68225,00514	3,83631	9,94282,96006	1,15559	9,73942,04508	4,99190	10,26057,95492	30	
	40	9,68228,84145	3,83586	9,94281,80447	1,15572	9,73947,03698	4,99158	10,26052,96302	20	
	50	9,68232,67731	3,83544	9,94280,64875	1,15586	9,73952,02856	4,99130	10,26047,97144	10	
46	0	9,68236,51275	3,83499	9,94279,49289	1,15599	9,73957,01986	4,99098	10,26042,98014	0	14
	10	9,68240,34774	3,83454	9,94278,33690	1,15612	9,73962,01084	4,99066	10,26037,98916	50	
	20	9,68244,18228	3,83411	9,94277,18078	1,15625	9,73967,00150	4,99036	10,26032,99850	40	
	30	9,68248,01639	3,83367	9,94276,02453	1,15639	9,73971,99186	4,99006	10,26028,00814	30	
	40	9,68251,85006	3,83322	9,94274,86814	1,15652	9,73976,98192	4,98974	10,26023,01808	20	
	50	9,68255,68328	3,83279	9,94273,71162	1,15666	9,73981,97166	4,98945	10,26018,02834	10	
47	0	9,68259,51607	3,83234	9,94272,55496	1,15679	9,73986,96111	4,98913	10,26013,03889	0	13
	10	9,68263,34841	3,83190	9,94271,39817	1,15692	9,73991,95024	4,98882	10,26008,04976	50	
	20	9,68267,18031	3,83147	9,94270,24125	1,15705	9,73996,93906	4,98852	10,26003,06094	40	
	30	9,68271,01178	3,83104	9,94269,08420	1,15719	9,74001,92758	4,98823	10,25998,07242	30	
	40	9,68274,84282	3,83058	9,94267,92701	1,15732	9,74006,91581	4,98790	10,25993,08419	20	
	50	9,68278,67340	3,83013	9,94266,76969	1,15745	9,74011,90371	4,98758	10,25988,09629	10	
48	0	9,68282,50353	3,82971	9,94265,61224	1,15759	9,74016,89129	4,98730	10,25983,10871	0	12
	10	9,68286,33324	3,82926	9,94264,45465	1,15772	9,74021,87859	4,98698	10,25978,12141	50	
	20	9,68290,16250	3,82883	9,94263,29693	1,15785	9,74026,86557	4,98668	10,25973,13443	40	
	30	9,68293,99133	3,82839	9,94262,13908	1,15798	9,74031,85225	4,98637	10,25968,14775	30	
	40	9,68297,81972	3,82795	9,94260,98110	1,15812	9,74036,83862	4,98607	10,25963,16138	20	
	50	9,68301,64767	3,82750	9,94259,82298	1,15825	9,74041,82469	4,98575	10,25958,17531	10	
49	0	9,68305,47517	3,82706	9,94258,66473	1,15838	9,74046,81044	4,98544	10,25953,18956	0	11
	10	9,68309,30223	3,82664	9,94257,50635	1,15852	9,74051,79588	4,98516	10,25948,20412	50	
	20	9,68313,12887	3,82619	9,94256,34783	1,15865	9,74056,78104	4,98484	10,25943,21896	40	
	30	9,68316,95506	[illegible]	9,94255,18918	1,15878	9,74061,76588	4,98452	10,25938,23412	30	
	40	9,68320,78080	3,82532	9,94254,03040	1,15892	9,74066,75040	4,98424	10,25933,24960	20	
	50	9,68324,60612	3,82488	9,94252,87148	1,15905	9,74071,73464	4,98393	10,25928,26536	10	
50	0	9,68328,43100	3,82443	9,94251,71243	1,15918	9,74076,71857	4,98361	10,25923,28143	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,68328,43100	3,82443	9,94251,71243	1,15918	9,74076,71857	4,98361	10,25923,28143	0	10
	10	9,68332,25543	3,82399	9,94250,55325	1,15931	9,74081,70218	4,98330	10,25918,29782	50	
	20	9,68336,07942	3,82356	9,94249,39394	1,15945	9,74086,68548	4,98301	10,25913,31452	40	
	30	9,68339,90298	3,82312	9,94248,23449	1,15958	9,74091,66849	4,98270	10,25908,33151	30	
	40	9,68343,72610	3,82268	9,94247,07491	1,15972	9,74096,65119	4,98240	10,25903,34881	20	
	50	9,68347,54878	3,82225	9,94245,91519	1,15985	9,74101,63359	4,98210	10,25898,36641	10	
51	0	9,68351,37103	3,82181	9,94244,75534	1,15998	9,74106,61569	4,98179	10,25893,38431	0	9
	10	9,68355,19284	3,82136	9,94243,59536	1,16011	9,74111,59748	4,98147	10,25888,40252	50	
	20	9,68359,01420	3,82091	9,94242,43525	1,16024	9,74116,57895	4,98115	10,25883,42105	40	
	30	9,68362,83511	3,82049	9,94241,27501	1,16038	9,74121,56010	4,98087	10,25878,43990	30	
	40	9,68366,65560	3,82005	9,94240,11463	1,16051	9,74126,54097	4,98056	10,25873,45903	20	
	50	9,68370,47565	3,81961	9,94238,95412	1,16065	9,74131,52153	4,98026	10,25868,47847	10	
52	0	9,68374,29526	3,81917	9,94237,79347	1,16078	9,74136,50179	4,97995	10,25863,49821	0	8
	10	9,68378,11443	3,81873	9,94236,63269	1,16091	9,74141,48174	4,97964	10,25858,51826	50	
	20	9,68381,93316	3,81831	9,94235,47178	1,16104	9,74146,46138	4,97935	10,25853,53862	40	
	30	9,68385,75147	3,81786	9,94234,31074	1,16118	9,74151,44073	4,97904	10,25848,55927	30	
	40	9,68389,56933	3,81742	9,94233,14956	1,16131	9,74156,41977	4,97873	10,25843,58023	20	
	50	9,68393,38675	3,81697	9,94231,98825	1,16144	9,74161,39850	4,97841	10,25838,60150	10	
53	0	9,68397,20372	3,81656	9,94230,82681	1,16158	9,74166,37691	4,97814	10,25833,62309	0	7
	10	9,68401,02028	3,81611	9,94229,66523	1,16171	9,74171,35505	4,97782	10,25828,64495	50	
	20	9,68404,83639	3,81566	9,94228,50352	1,16184	9,74176,33287	4,97750	10,25823,66713	40	
	30	9,68408,65205	3,81523	9,94227,34168	1,16197	9,74181,31037	4,97720	10,25818,68963	30	
	40	9,68412,46728	3,81479	9,94226,17971	1,16211	9,74186,28757	4,97690	10,25813,71243	20	
	50	9,68416,28207	3,81436	9,94225,01760	1,16224	9,74191,26447	4,97660	10,25808,73553	10	
54	0	9,68420,09643	3,81394	9,94223,85536	1,16238	9,74196,24107	4,97632	10,25803,75893	0	6
	10	9,68423,91037	3,81348	9,94222,69298	1,16251	9,74201,21739	4,97599	10,25798,78261	50	
	20	9,68427,72385	3,81304	9,94221,53047	1,16264	9,74206,19338	4,97568	10,25793,80662	40	
	30	9,68431,53689	3,81261	9,94220,36783	1,16277	9,74211,16906	4,97538	10,25788,83094	30	
	40	9,68435,34950	3,81217	9,94219,20506	1,16291	9,74216,14444	4,97508	10,25783,85556	20	
	50	9,68439,16167	3,81174	9,94218,04215	1,16304	9,74221,11952	4,97478	10,25778,88048	10	
55	0	9,68442,97341	3,81131	9,94216,87911	1,16317	9,74226,09430	4,97448	10,25773,90570	0	5
	10	9,68446,78472	3,81086	9,94215,71594	1,16331	9,74231,06878	4,97417	10,25768,93122	50	
	20	9,68450,59558	3,81042	9,94214,55263	1,16344	9,74236,04295	4,97386	10,25763,95705	40	
	30	9,68454,40600	3,81000	9,94213,38919	1,16358	9,74241,01681	4,97358	10,25758,98319	30	
	40	9,68458,21600	3,80956	9,94212,22561	1,16371	9,74245,99039	4,97327	10,25754,00961	20	
	50	9,68462,02556	3,80912	9,94211,06190	1,16384	9,74250,96366	4,97296	10,25749,03634	10	
56	0	9,68465,83468	3,80869	9,94209,89806	1,16397	9,74255,93662	4,97266	10,25744,06338	0	4
	10	9,68469,64337	3,80825	9,94208,73409	1,16411	9,74260,90928	4,97236	10,25739,09072	50	
	20	9,68473,45162	3,80780	9,94207,56998	1,16424	9,74265,88164	4,97204	10,25734,11836	40	
	30	9,68477,25942	3,80738	9,94206,40574	1,16438	9,74270,85368	4,97176	10,25729,14632	30	
	40	9,68481,06680	3,80695	9,94205,24136	1,16451	9,74275,82544	4,97146	10,25724,17456	20	
	50	9,68484,87375	3,80650	9,94204,07685	1,16464	9,74280,79690	4,97114	10,25719,20310	10	
57	0	9,68488,68025	3,80608	9,94202,91221	1,16478	9,74285,76804	4,97086	10,25714,23196	0	3
	10	9,68492,48633	3,80563	9,94201,74743	1,16491	9,74290,73890	4,97054	10,25709,26110	50	
	20	9,68496,29196	3,80520	9,94200,58252	1,16504	9,74295,70944	4,97024	10,25704,29056	40	
	30	9,68500,09716	3,80477	9,94199,41748	1,16517	9,74300,67968	4,96994	10,25699,32032	30	
	40	9,68503,90193	3,80432	9,94198,25231	1,16530	9,74305,64962	4,96962	10,25694,35038	20	
	50	9,68507,70625	3,80388	9,94197,08701	1,16544	9,74310,61924	4,96932	10,25689,38076	10	
58	0	9,68511,51013	3,80345	9,94195,92157	1,16557	9,74315,58856	4,96902	10,25684,41144	0	2
	10	9,68515,31358	3,80303	9,94194,75600	1,16571	9,74320,55758	4,96874	10,25679,44242	50	
	20	9,68519,11661	3,80258	9,94193,59029	1,16584	9,74325,52632	4,96842	10,25674,47368	40	
	30	9,68522,91919	3,80215	9,94192,42445	1,16597	9,74330,49474	4,96812	10,25669,50526	30	
	40	9,68526,72134	3,80172	9,94191,25848	1,16611	9,74335,46286	4,96783	10,25664,53714	20	
	50	9,68530,52306	3,80129	9,94190,09237	1,16625	9,74340,43069	4,96754	10,25659,56931	10	
59	0	9,68534,32435	3,80086	9,94188,92612	1,16638	9,74345,39823	4,96724	10,25654,60177	0	1
	10	9,68538,12521	3,80041	9,94187,75974	1,16651	9,74350,36547	4,96692	10,25649,63453	50	
	20	9,68541,92562	3,79997	9,94186,59323	1,16664	9,74355,33239	4,96661	10,25644,66761	40	
	30	9,68545,72559	3,79953	9,94185,42659	1,16677	9,74360,29900	4,96630	10,25639,70100	30	
	40	9,68549,52512	3,79911	9,94184,25982	1,16691	9,74365,26530	4,96602	10,25634,73470	20	
	50	9,68553,32423	3,79868	9,94183,09291	1,16704	9,74370,23132	4,96572	10,25629,76868	10	
60	0	9,68557,12291	3,79824	9,94181,92587	1,16717	9,74375,19704	4,96541	10,25624,80296	0	0
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,68557,12291	3,79824	9,94181,92587	1,16717	9,74375,19704	4,96541	10,25624,80296	0	60
	10	9,68560,92115	3,79781	9,94180,75870	1,16731	9,74380,16245	4,96512	10,25619,83755	50	
	20	9,68564,71896	3,79736	9,94179,59139	1,16744	9,74385,12757	4,96480	10,25614,87243	40	
	30	9,68568,51632	3,79693	9,94178,42395	1,16757	9,74390,09237	4,96450	10,25609,90763	30	
	40	9,68572,31325	3,79651	9,94177,25638	1,16771	9,74395,05687	4,96422	10,25604,94313	20	
	50	9,68576,10976	3,79607	9,94176,08867	1,16785	9,74400,02109	4,96392	10,25599,97891	10	
1	0	9,68579,90583	3,79563	9,94174,92082	1,16797	9,74404,98501	4,96360	10,25595,01499	0	59
	10	9,68583,70146	3,79521	9,94173,75285	1,16811	9,74409,94861	4,96332	10,25590,05139	50	
	20	9,68587,49667	3,79476	9,94172,58474	1,16824	9,74414,91193	4,96300	10,25585,08807	40	
	30	9,68591,29143	3,79434	9,94171,41650	1,16838	9,74419,87493	4,96272	10,25580,12507	30	
	40	9,68595,08577	3,79390	9,94170,24812	1,16851	9,74424,83765	4,96241	10,25575,16235	20	
	50	9,68598,87967	3,79347	9,94169,07961	1,16865	9,74429,80006	4,96212	10,25570,19994	10	
2	0	9,68602,67314	3,79303	9,94167,91096	1,16877	9,74434,76218	4,96180	10,25565,23782	0	58
	10	9,68606,46617	3,79260	9,94166,74219	1,16891	9,74439,72398	4,96151	10,25560,27602	50	
	20	9,68610,25877	3,79216	9,94165,57328	1,16904	9,74444,68549	4,96120	10,25555,31451	40	
	30	9,68614,05093	3,79174	9,94164,40424	1,16918	9,74449,64669	4,96092	10,25550,35331	30	
	40	9,68617,84267	3,79131	9,94163,23506	1,16931	9,74454,60761	4,96062	10,25545,39239	20	
	50	9,68621,63398	3,79086	9,94162,06575	1,16945	9,74459,56823	4,96031	10,25540,43177	10	
3	0	9,68625,42484	3,79045	9,94160,89630	1,16958	9,74464,52854	4,96003	10,25535,47146	0	57
	10	9,68629,21529	3,79000	9,94159,72672	1,16971	9,74469,48857	4,95971	10,25530,51143	50	
	20	9,68633,00529	3,78957	9,94158,55701	1,16985	9,74474,44828	4,95942	10,25525,55172	40	
	30	9,68636,79486	3,78914	9,94157,38716	1,16998	9,74479,40770	4,95912	10,25520,59230	30	
	40	9,68640,58400	3,78870	9,94156,21718	1,17011	9,74484,36682	4,95881	10,25515,63318	20	
	50	9,68644,37270	3,78827	9,94155,04707	1,17025	9,74489,32563	4,95852	10,25510,67437	10	
4	0	9,68648,16097	3,78784	9,94153,87682	1,17038	9,74494,28415	4,95822	10,25505,71585	0	56
	10	9,68651,94881	3,78741	9,94152,70644	1,17051	9,74499,24237	4,95792	10,25500,75763	50	
	20	9,68655,73622	3,78698	9,94151,53593	1,17065	9,74504,20029	4,95763	10,25495,79971	40	
	30	9,68659,52320	3,78654	9,94150,36528	1,17078	9,74509,15792	4,95732	10,25490,84208	30	
	40	9,68663,30974	3,78611	9,94149,19450	1,17091	9,74514,11524	4,95702	10,25485,88476	20	
	50	9,68667,09585	3,78568	9,94148,02359	1,17105	9,74519,07226	4,95673	10,25480,92774	10	
5	0	9,68670,88153	3,78524	9,94146,85254	1,17118	9,74524,02899	4,95642	10,25475,97101	0	55
	10	9,68674,66677	3,78481	9,94145,68136	1,17131	9,74528,98541	4,95612	10,25471,01459	50	
	20	9,68678,45158	3,78438	9,94144,51005	1,17145	9,74533,94153	4,95583	10,25466,05847	40	
	30	9,68682,23506	3,78394	9,94143,33860	1,17158	9,74538,89736	4,95552	10,25461,10264	30	
	40	9,68686,01990	3,78352	9,94142,16702	1,17172	9,74543,85288	4,95524	10,25456,14712	20	
	50	9,68689,80342	3,78310	9,94140,99530	1,17185	9,74548,80812	4,95495	10,25451,19188	10	
6	0	9,68693,58652	3,78267	9,94139,82345	1,17199	9,74553,76307	4,95466	10,25446,23693	0	54
	10	9,68697,36919	3,78222	9,94138,65146	1,17212	9,74558,71773	4,95434	10,25441,28227	50	
	20	9,68701,15141	3,78179	9,94137,47934	1,17225	9,74563,67207	4,95404	10,25436,32793	40	
	30	9,68704,93320	3,78136	9,94136,30709	1,17238	9,74568,62611	4,95374	10,25431,37389	30	
	40	9,68708,71456	3,78093	9,94135,13471	1,17252	9,74573,57985	4,95345	10,25426,42015	20	
	50	9,68712,49549	3,78049	9,94133,96219	1,17265	9,74578,53330	4,95314	10,25421,46670	10	
7	0	9,68716,27598	3,78006	9,94132,78954	1,17278	9,74583,48644	4,95284	10,25416,51356	0	53
	10	9,68720,05604	3,77964	9,94131,61676	1,17292	9,74588,43928	4,95256	10,25411,56072	50	
	20	9,68723,83568	3,77920	9,94130,44384	1,17305	9,74593,39184	4,95225	10,25406,60816	40	
	30	9,68727,61488	3,77877	9,94129,27079	1,17319	9,74598,34409	4,95196	10,25401,65591	30	
	40	9,68731,39365	3,77834	9,94128,09760	1,17332	9,74603,29605	4,95166	10,25396,70395	20	
	50	9,68735,17199	3,77792	9,94126,92428	1,17346	9,74608,24771	4,95138	10,25391,75229	10	
8	0	9,68738,94991	3,77749	9,94125,75082	1,17359	9,74613,19909	4,95108	10,25386,80091	0	52
	10	9,68742,72740	3,77705	9,94124,57723	1,17372	9,74618,15017	4,95077	10,25381,84983	50	
	20	9,68746,50445	3,77661	9,94123,40351	1,17385	9,74623,10094	4,95046	10,25376,89906	40	
	30	9,68750,28106	3,77619	9,94122,22966	1,17399	9,74628,05140	4,95018	10,25371,94860	30	
	40	9,68754,05725	3,77577	9,94121,05567	1,17413	9,74633,00158	4,94990	10,25366,99842	20	
	50	9,68757,83302	3,77533	9,94119,88154	1,17426	9,74637,95148	4,94959	10,25362,04852	10	
9	0	9,68761,60835	3,77489	9,94118,70728	1,17439	9,74642,90107	4,94928	10,25357,09893	0	51
	10	9,68765,38324	3,77447	9,94117,53289	1,17453	9,74647,85035	4,94900	10,25352,14965	50	
	20	9,68769,15771	3,77405	9,94116,35836	1,17466	9,74652,79935	4,94871	10,25347,20065	40	
	30	9,68772,93176	3,77361	9,94115,18370	1,17479	9,74657,74806	4,94840	10,25342,25194	30	
	40	9,68776,70537	3,77319	9,94114,00891	1,17493	9,74662,69646	4,94812	10,25337,30354	20	
	50	9,68780,47856	3,77274	9,94112,83398	1,17506	9,74667,64458	4,94780	10,25332,35542	10	
10	0	9,68784,25130	3,77231	9,94111,65892	1,17519	9,74672,59238	4,94750	10,25327,40762	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	9,68784,25130	3,77231	9,94111,65892	1,17519	9,74672,59238	4,94750	10,25327,40762	0	50
	10	9,68788,02361	3,77189	9,94110,48373	1,17533	9,74677,53988	4,94722	10,25322,46012	50	
	20	9,68791,79550	3,77147	9,94109,30840	1,17546	9,74682,48710	4,94693	10,25317,51290	40	
	30	9,68795,56697	3,77104	9,94108,13294	1,17560	9,74687,43403	4,94664	10,25312,56597	30	
	40	9,68799,33801	3,77060	9,94106,95734	1,17573	9,74692,38067	4,94633	10,25307,61933	20	
	50	9,68803,10861	3,77016	9,94105,78161	1,17586	9,74697,32700	4,94602	10,25302,67300	10	
11	0	9,68806,87877	3,76973	9,94104,60575	1,17599	9,74702,27302	4,94572	10,25297,72698	0	49
	10	9,68810,64850	3,76931	9,94103,42976	1,17613	9,74707,21874	4,94544	10,25292,78126	50	
	20	9,68814,41781	3,76890	9,94102,25363	1,17627	9,74712,16418	4,94517	10,25287,83582	40	
	30	9,68818,18671	3,76847	9,94101,07736	1,17641	9,74717,10935	4,94488	10,25282,89065	30	
	40	9,68821,95518	3,76802	9,94099,90095	1,17653	9,74722,05423	4,94455	10,25277,94577	20	
	50	9,68825,72320	3,76759	9,94098,72442	1,17667	9,74726,99878	4,94426	10,25273,00122	10	
12	0	9,68829,49079	3,76716	9,94097,54775	1,17680	9,74731,94304	4,94396	10,25268,05696	0	48
	10	9,68833,25795	3,76674	9,94096,37095	1,17694	9,74736,88700	4,94368	10,25263,11300	50	
	20	9,68837,02469	3,76631	9,94095,19401	1,17706	9,74741,83068	4,94337	10,25258,16932	40	
	30	9,68840,79100	3,76589	9,94094,01695	1,17721	9,74746,77405	4,94310	10,25253,22595	30	
	40	9,68844,55689	3,76546	9,94092,83974	1,17734	9,74751,71715	4,94180	10,25248,28285	20	
	50	9,68848,32235	3,76503	9,94091,66240	1,17748	9,74756,65995	4,94251	10,25243,34005	10	
13	0	9,68852,08738	3,76458	9,94090,48492	1,17760	9,74761,60246	4,94218	10,25238,39754	0	47
	10	9,68855,85196	3,76416	9,94089,30732	1,17774	9,74766,54464	4,94190	10,25233,45536	50	
	20	9,68859,61612	3,76373	9,94088,12958	1,17787	9,74771,48654	4,94160	10,25228,51346	40	
	30	9,68863,37985	3,76333	9,94086,95171	1,17801	9,74776,42814	4,94134	10,25223,57186	30	
	40	9,68867,14318	3,76289	9,94085,77370	1,17814	9,74781,36948	4,94103	10,25218,63052	20	
	50	9,68870,90607	3,76246	9,94084,59556	1,17828	9,74786,31051	4,94074	10,25213,68949	10	
14	0	9,68874,66853	3,76203	9,94083,41728	1,17841	9,74791,25125	4,94044	10,25208,74875	0	46
	10	9,68878,43056	3,76160	9,94082,23887	1,17854	9,74796,19169	4,94014	10,25203,80831	50	
	20	9,68882,19216	3,76117	9,94081,06033	1,17868	9,74801,13183	4,93985	10,25198,86817	40	
	30	9,68885,95333	3,76075	9,94079,88165	1,17881	9,74806,07168	4,93956	10,25193,92832	30	
	40	9,68889,71408	3,76032	9,94078,70284	1,17895	9,74811,01124	4,93927	10,25188,98876	20	
	50	9,68893,47440	3,75988	9,94077,52389	1,17908	9,74815,95051	4,93896	10,25184,04949	10	
15	0	9,68897,23428	3,75945	9,94076,34481	1,17921	9,74820,88947	4,93866	10,25179,11053	0	45
	10	9,68900,99373	3,75903	9,94075,16560	1,17935	9,74825,82813	4,93838	10,25174,17187	50	
	20	9,68904,75276	3,75862	9,94073,98625	1,17948	9,74830,76651	4,93810	10,25169,23349	40	
	30	9,68908,51138	3,75818	9,94072,80677	1,17962	9,74835,70461	4,93780	10,25164,29539	30	
	40	9,68912,26956	3,75775	9,94071,62715	1,17975	9,74840,64241	4,93750	10,25159,35759	20	
	50	9,68916,02731	3,75733	9,94070,44740	1,17989	9,74845,57991	4,93722	10,25154,42009	10	
16	0	9,68919,78464	3,75690	9,94069,26751	1,18002	9,74850,51713	4,93692	10,25149,48287	0	44
	10	9,68923,54154	3,75647	9,94068,08749	1,18015	9,74855,45405	4,93662	10,25144,54595	50	
	20	9,68927,29801	3,75603	9,94066,90734	1,18029	9,74860,39067	4,93632	10,25139,60933	40	
	30	9,68931,05404	3,75560	9,94065,72705	1,18042	9,74865,32699	4,93602	10,25134,67301	30	
	40	9,68934,80964	3,75519	9,94064,54663	1,18055	9,74870,26301	4,93574	10,25129,73699	20	
	50	9,68938,56483	3,75477	9,94063,36608	1,18069	9,74875,19875	4,93546	10,25124,80125	10	
17	0	9,68942,31960	3,75434	9,94062,18539	1,18082	9,74880,13421	4,93516	10,25119,86579	0	43
	10	9,68946,07394	3,75392	9,94061,00457	1,18096	9,74885,06937	4,93488	10,25114,93063	50	
	20	9,68949,82786	3,75347	9,94059,82361	1,18109	9,74890,00425	4,93456	10,25109,99575	40	
	30	9,68953,58133	3,75305	9,94058,64252	1,18123	9,74894,93881	4,93428	10,25105,06119	30	
	40	9,68957,33438	3,75263	9,94057,46129	1,18136	9,74899,87309	4,93399	10,25100,12691	20	
	50	9,68961,08701	3,75222	9,94056,27993	1,18150	9,74904,80708	4,93372	10,25095,19292	10	
18	0	9,68964,83923	3,75177	9,94055,09843	1,18163	9,74909,74080	4,93340	10,25090,25920	0	42
	10	9,68968,59100	3,75135	9,94053,91680	1,18176	9,74914,67420	4,93311	10,25085,32580	50	
	20	9,68972,34235	3,75094	9,94052,73504	1,18190	9,74919,60731	4,93284	10,25080,39269	40	
	30	9,68976,09329	3,75051	9,94051,55314	1,18203	9,74924,54015	4,93254	10,25075,45985	30	
	40	9,68979,84380	3,75008	9,94050,37111	1,18217	9,74929,47269	4,93225	10,25070,52731	20	
	50	9,68983,59388	3,74964	9,94049,18894	1,18230	9,74934,40494	4,93194	10,25065,59506	10	
19	0	9,68987,34352	3,74921	9,94048,00664	1,18243	9,74939,33688	4,93164	10,25060,66312	0	41
	10	9,68991,09273	3,74879	9,94046,82421	1,18257	9,74944,26852	4,93136	10,25055,73148	50	
	20	9,68994,84152	3,74838	9,94045,64164	1,18270	9,74949,19988	4,93108	10,25050,80012	40	
	30	9,68998,58990	3,74796	9,94044,45894	1,18284	9,74954,13096	4,93080	10,25045,86904	30	
	40	9,69002,33786	3,74751	9,94043,27610	1,18297	9,74959,06176	4,93048	10,25040,93824	20	
	50	9,69006,08537	3,74709	9,94042,09313	1,18311	9,74963,99224	4,93020	10,25036,00776	10	
20	0	9,69009,83246	3,74666	9,94040,91002	1,18324	9,74968,92244	4,92990	10,25031,07756	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,69000,83246	3,74666	9,94040,91002	1,18324	9,74968,92244	4,92990	10,25031,07756	0	40
	10	9,69013,57912	3,74624	9,94039,72678	1,18338	9,74973,85234	4,92962	10,25026,14766	50	
	20	9,69017,32536	3,74583	9,94038,54340	1,18351	9,74978,78196	4,92934	10,25021,21804	40	
	30	9,69021,07119	3,74540	9,94037,35989	1,18364	9,74983,71130	4,92904	10,25016,28870	30	
	40	9,69024,81659	3,74497	9,94036,17625	1,18378	9,74988,64034	4,92875	10,25011,35966	20	
	50	9,69028,56156	3,74453	9,94034,99247	1,18391	9,74993,56909	4,92844	10,25006,43091	10	
21	0	9,69032,30609	3,74411	9,94033,80856	1,18404	9,74998,49753	4,92815	10,25001,50247	0	39
	10	9,69036,05020	3,74370	9,94032,62452	1,18418	9,75003,42568	4,92788	10,24996,57432	50	
	20	9,69039,79390	3,74327	9,94031,44034	1,18432	9,75008,35356	4,92759	10,24991,64644	40	
	30	9,69043,53717	3,74284	9,94030,25602	1,18445	9,75013,28115	4,92729	10,24986,71885	30	
	40	9,69047,28001	3,74243	9,94029,07157	1,18459	9,75018,20844	4,92702	10,24981,79156	20	
	50	9,69051,02244	3,74200	9,94027,88698	1,18472	9,75023,13546	4,92672	10,24976,86454	10	
22	0	9,69054,76444	3,74157	9,94026,70226	1,18485	9,75028,06218	4,92642	10,24971,93782	0	38
	10	9,69058,50601	3,74115	9,94025,51741	1,18499	9,75032,98860	4,92614	10,24967,01140	50	
	20	9,69062,24716	3,74071	9,94024,33242	1,18512	9,75037,91474	4,92583	10,24962,08526	40	
	30	9,69065,98787	3,74030	9,94023,14730	1,18526	9,75042,84057	4,92556	10,24957,15943	30	
	40	9,69069,72817	3,73987	9,94021,96204	1,18539	9,75047,76613	4,92526	10,24952,23387	20	
	50	9,69073,46804	3,73946	9,94020,77665	1,18553	9,75052,69139	4,92499	10,24947,30861	10	
23	0	9,69077,20750	3,73902	9,94019,59112	1,18566	9,75057,61638	4,92468	10,24942,38362	0	37
	10	9,69080,94652	3,73859	9,94018,40546	1,18579	9,75062,54106	4,92438	10,24937,45894	50	
	20	9,69084,68511	3,73819	9,94017,21967	1,18593	9,75067,46544	4,92412	10,24932,53456	40	
	30	9,69088,42330	3,73774	9,94016,03374	1,18606	9,75072,38956	4,92380	10,24927,61044	30	
	40	9,69092,16104	3,73734	9,94014,84768	1,18620	9,75077,31336	4,92354	10,24922,68664	20	
	50	9,69095,89838	3,73691	9,94013,66148	1,18633	9,75082,23690	4,92324	10,24917,76310	10	
24	0	9,69099,63529	3,73649	9,94012,47515	1,18647	9,75087,16014	4,92296	10,24912,83986	0	36
	10	9,69103,37178	3,73606	9,94011,28868	1,18660	9,75092,08310	4,92266	10,24907,91690	50	
	20	9,69107,10784	3,73562	9,94010,10208	1,18673	9,75097,00576	4,92235	10,24902,99424	40	
	30	9,69110,84346	3,73521	9,94008,91535	1,18687	9,75101,92811	4,92208	10,24898,07189	30	
	40	9,69114,57867	3,73478	9,94007,72848	1,18700	9,75106,85019	4,92178	10,24893,14981	20	
	50	9,69118,31345	3,73438	9,94006,54148	1,18714	9,75111,77197	4,92152	10,24888,22803	10	
25	0	9,69122,04783	3,73393	9,94005,35434	1,18727	9,75116,69349	4,92120	10,24883,30651	0	35
	10	9,69125,78176	3,73352	9,94004,16707	1,18741	9,75121,61469	4,92093	10,24878,38531	50	
	20	9,69129,51528	3,73310	9,94002,97966	1,18754	9,75126,53562	4,92064	10,24873,46438	40	
	30	9,69133,24838	3,73268	9,94001,79212	1,18768	9,75131,45626	4,92036	10,24868,54374	30	
	40	9,69136,98106	3,73225	9,94000,60444	1,18781	9,75136,37662	4,92006	10,24863,62338	20	
	50	9,69140,71331	3,73183	9,93999,41663	1,18795	9,75141,29668	4,91978	10,24858,70332	10	
26	0	9,69144,44514	3,73140	9,93998,22868	1,18808	9,75146,21646	4,91948	10,24853,78354	0	34
	10	9,69148,17654	3,73097	9,93997,04060	1,18821	9,75151,13594	4,91918	10,24848,86406	50	
	20	9,69151,90751	3,73057	9,93995,85239	1,18835	9,75156,05512	4,91892	10,24843,94488	40	
	30	9,69155,63808	3,73015	9,93994,66404	1,18849	9,75160,97404	4,91864	10,24839,02596	30	
	40	9,69159,36823	3,72972	9,93993,47555	1,18862	9,75165,89268	4,91834	10,24834,10732	20	
	50	9,69163,09795	3,72928	9,93992,28693	1,18875	9,75170,81102	4,91803	10,24829,18898	10	
27	0	9,69166,82723	3,72887	9,93991,09818	1,18889	9,75175,72905	4,91776	10,24824,27095	0	33
	10	9,69170,55610	3,72844	9,93989,90929	1,18902	9,75180,64681	4,91746	10,24819,35319	50	
	20	9,69174,28454	3,72804	9,93988,72027	1,18916	9,75185,56427	4,91720	10,24814,43573	40	
	30	9,69178,01258	3,72761	9,93987,53111	1,18929	9,75190,48147	4,91690	10,24809,51853	30	
	40	9,69181,74019	3,72719	9,93986,34182	1,18943	9,75195,39837	4,91662	10,24804,60163	20	
	50	9,69185,46738	3,72675	9,93985,15239	1,18956	9,75200,31499	4,91631	10,24799,68501	10	
28	0	9,69189,19413	3,72633	9,93983,96283	1,18969	9,75205,23130	4,91602	10,24794,76870	0	32
	10	9,69192,92046	3,72591	9,93982,77314	1,18983	9,75210,14732	4,91574	10,24789,85268	50	
	20	9,69196,64637	3,72550	9,93981,58331	1,18996	9,75215,06306	4,91546	10,24784,93694	40	
	30	9,69200,37187	3,72506	9,93980,39335	1,19010	9,75219,97852	4,91516	10,24780,02148	30	
	40	9,69204,09693	3,72466	9,93979,20325	1,19024	9,75224,89368	4,91490	10,24775,10632	20	
	50	9,69207,82159	3,72423	9,93978,01301	1,19037	9,75229,80858	4,91460	10,24770,19142	10	
29	0	9,69211,54582	3,72381	9,93976,82264	1,19051	9,75234,72318	4,91432	10,24765,27682	0	31
	10	9,69215,26963	3,72338	9,93975,63213	1,19064	9,75239,63750	4,91402	10,24760,36250	50	
	20	9,69218,99301	3,72297	9,93974,44149	1,19077	9,75244,55152	4,91374	10,24755,44848	40	
	30	9,69222,71598	3,72255	9,93973,25072	1,19091	9,75249,46526	4,91346	10,24750,53474	30	
	40	9,69226,43853	3,72212	9,93972,05981	1,19104	9,75254,37872	4,91316	10,24745,62128	20	
	50	9,69230,16065	3,72170	9,93970,86877	1,19118	9,75259,29188	4,91288	10,24740,70812	10	
30	0	9,69233,88235	3,72127	9,93969,67759	1,19131	9,75264,20476	4,91258	10,24735,79524	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,69233,88235	3,72127	9,93969,67759	1,19131	9,75264,20476	4,91258	10,24735,79524	0	30
	10	9,69237,60362	3,72087	9,93968,48628	1,19145	9,75269,11734	4,91232	10,24730,88266	50	
	20	9,69241,32449	3,72044	9,93967,29483	1,19158	9,75274,02966	4,91202	10,24725,97034	40	
	30	9,69245,04493	3,72002	9,93966,10325	1,19172	9,75278,94168	4,91174	10,24721,05832	30	
	40	9,69248,76495	3,71960	9,93964,91153	1,19185	9,75283,85342	4,91145	10,24716,14658	20	
	50	9,69252,48455	3,71919	9,93963,71968	1,19199	9,75288,76487	4,91118	10,24711,23513	10	
31	0	9,69256,20374	3,71876	9,93962,52769	1,19212	9,75293,67605	4,91088	10,24706,32395	0	29
	10	9,69259,92250	3,71834	9,93961,33557	1,19226	9,75298,58693	4,91060	10,24701,41307	50	
	20	9,69263,64084	3,71791	9,93960,14331	1,19239	9,75303,49753	4,91030	10,24696,50247	40	
	30	9,69267,35875	3,71750	9,93958,95092	1,19253	9,75308,40783	4,91003	10,24691,59217	30	
	40	9,69271,07625	3,71708	9,93957,75839	1,19266	9,75313,31786	4,90974	10,24686,68214	20	
	50	9,69274,79333	3,71666	9,93956,56573	1,19280	9,75318,22760	4,90946	10,24681,77240	10	
32	0	9,69278,50999	3,71623	9,93955,37293	1,19293	9,75323,13706	4,90916	10,24676,86294	0	28
	10	9,69282,22622	3,71582	9,93954,18000	1,19307	9,75328,04622	4,90889	10,24671,95378	50	
	20	9,69285,94204	3,71540	9,93952,98693	1,19320	9,75332,95511	4,90860	10,24667,04489	40	
	30	9,69289,65744	3,71497	9,93951,79373	1,19333	9,75337,86371	4,90830	10,24662,13629	30	
	40	9,69293,37241	3,71455	9,93950,60040	1,19347	9,75342,77201	4,90802	10,24657,22799	20	
	50	9,69297,08696	3,71413	9,93949,40693	1,19360	9,75347,68003	4,90773	10,24652,31997	10	
33	0	9,69300,80109	3,71372	9,93948,21333	1,19374	9,75352,58776	4,90746	10,24647,41224	0	27
	10	9,69304,51481	3,71329	9,93947,01959	1,19387	9,75357,49522	4,90716	10,24642,50478	50	
	20	9,69308,22810	3,71288	9,93945,82572	1,19401	9,75362,40238	4,90689	10,24637,59762	40	
	30	9,69311,94098	3,71246	9,93944,63171	1,19414	9,75367,30927	4,90660	10,24632,69073	30	
	40	9,69315,65344	3,71204	9,93943,43757	1,19428	9,75372,21587	4,90632	10,24627,78413	20	
	50	9,69319,36548	3,71162	9,93942,24329	1,19442	9,75377,12219	4,90604	10,24622,87781	10	
34	0	9,69323,07710	3,71120	9,93941,04887	1,19455	9,75382,02823	4,90575	10,24617,97177	0	26
	10	9,69326,78830	3,71079	9,93939,85432	1,19469	9,75386,93398	4,90548	10,24613,06602	50	
	20	9,69330,49909	3,71036	9,93938,65963	1,19482	9,75391,83946	4,90518	10,24608,16054	40	
	30	9,69334,20945	3,70994	9,93937,46481	1,19495	9,75396,74464	4,90489	10,24603,25536	30	
	40	9,69337,91939	3,70953	9,93936,26986	1,19509	9,75401,64953	4,90462	10,24598,35047	20	
	50	9,69341,62892	3,70910	9,93935,07477	1,19522	9,75406,55415	4,90432	10,24593,44585	10	
35	0	9,69345,33802	3,70867	9,93933,87955	1,19535	9,75411,45847	4,90402	10,24588,54153	0	25
	10	9,69349,04669	3,70827	9,93932,68420	1,19549	9,75416,36249	4,90376	10,24583,63751	50	
	20	9,69352,75496	3,70785	9,93931,48871	1,19563	9,75421,26625	4,90348	10,24578,73375	40	
	30	9,69356,46281	3,70743	9,93930,29308	1,19577	9,75426,16973	4,90320	10,24573,83027	30	
	40	9,69360,17024	3,70701	9,93929,09731	1,19590	9,75431,07293	4,90291	10,24568,92707	20	
	50	9,69363,87725	3,70660	9,93927,90141	1,19604	9,75435,97584	4,90264	10,24564,02416	10	
36	0	9,69367,58385	3,70617	9,93926,70537	1,19617	9,75440,87848	4,90234	10,24559,12152	0	24
	10	9,69371,29002	3,70576	9,93925,50920	1,19630	9,75445,78082	4,90206	10,24554,21918	50	
	20	9,69374,99578	3,70534	9,93924,31290	1,19644	9,75450,68288	4,90178	10,24549,31712	40	
	30	9,69378,70112	3,70491	9,93923,11646	1,19657	9,75455,58466	4,90148	10,24544,41534	30	
	40	9,69382,40603	3,70451	9,93921,91989	1,19671	9,75460,48614	4,90122	10,24539,51386	20	
	50	9,69386,11054	3,70408	9,93920,72318	1,19684	9,75465,38736	4,90092	10,24534,61264	10	
37	0	9,69389,81462	3,70366	9,93919,52634	1,19698	9,75470,28828	4,90064	10,24529,71172	0	23
	10	9,69393,51828	3,70325	9,93918,32936	1,19711	9,75475,18892	4,90036	10,24524,81108	50	
	20	9,69397,22153	3,70283	9,93917,13225	1,19725	9,75480,08928	4,90008	10,24519,91072	40	
	30	9,69400,92436	3,70241	9,93915,93500	1,19738	9,75484,98936	4,89979	10,24515,01064	30	
	40	9,69404,62677	3,70200	9,93914,73762	1,19752	9,75489,88915	4,89952	10,24510,11085	20	
	50	9,69408,32877	3,70158	9,93913,54010	1,19766	9,75494,78867	4,89924	10,24505,21133	10	
38	0	9,69412,03035	3,70116	9,93912,34244	1,19779	9,75499,68791	4,89895	10,24500,31209	0	22
	10	9,69415,73151	3,70075	9,93911,14465	1,19793	9,75504,58686	4,89868	10,24495,41314	50	
	20	9,69419,43226	3,70032	9,93909,94672	1,19806	9,75509,48554	4,89838	10,24490,51446	40	
	30	9,69423,13258	3,69992	9,93908,74866	1,19820	9,75514,38392	4,89812	10,24485,61608	30	
	40	9,69426,83250	3,69949	9,93907,55046	1,19833	9,75519,28204	4,89782	10,24480,71796	20	
	50	9,69430,53199	3,69906	9,93906,35213	1,19846	9,75524,17986	4,89752	10,24475,82014	10	
39	0	9,69434,23105	3,69866	9,93905,15367	1,19860	9,75529,07738	4,89726	10,24470,92262	0	21
	10	9,69437,92971	3,69823	9,93903,95507	1,19873	9,75533,97464	4,89696	10,24466,02536	50	
	20	9,69441,62794	3,69782	9,93902,75634	1,19887	9,75538,87160	4,89669	10,24461,12840	40	
	30	9,69445,32576	3,69741	9,93901,55747	1,19901	9,75543,76829	4,89642	10,24456,23171	30	
	40	9,69449,02317	3,69698	9,93900,35846	1,19914	9,75548,66471	4,89612	10,24451,33529	20	
	50	9,69452,72015	3,69658	9,93899,15932	1,19928	9,75553,56083	4,89586	10,24446,43917	10	
40	0	9,69456,41673	3,69615	9,93897,96004	1,19941	9,75558,45669	4,89556	10,24441,54331	0	20
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
40	0	9,69456,41673	3,69615	9,93897,96004	1,19941	9,75558,45669	4,89556	10,24441,54331	0	20
	10	9,69460,11288	3,69575	9,93896,76063	1,19955	9,75563,35225	4,89530	10,24436,64775	50	
	20	9,69463,80863	3,69532	9,93895,56108	1,19968	9,75568,24755	4,89500	10,24431,75245	40	
	30	9,69467,50395	3,69491	9,93894,36140	1,19982	9,75573,14255	4,89473	10,24426,85745	30	
	40	9,69471,19886	3,69449	9,93893,16158	1,19995	9,75578,03728	4,89444	10,24421,96272	20	
	50	9,69474,89335	3,69407	9,93891,96163	1,20009	9,75582,93172	4,89416	10,24417,06828	10	
41	0	9,69478,58742	3,69366	9,93890,76154	1,20022	9,75587,82588	4,89388	10,24412,17412	0	19
	10	9,69482,28108	3,69324	9,93889,56132	1,20036	9,75592,71976	4,89360	10,24407,28024	50	
	20	9,69485,97432	3,69281	9,93888,36096	1,20049	9,75597,61336	4,89330	10,24402,38664	40	
	30	9,69489,66713	3,69241	9,93887,16047	1,20063	9,75602,50666	4,89304	10,24397,49334	30	
	40	9,69493,35954	3,69198	9,93885,95984	1,20076	9,75607,39970	4,89274	10,24392,60030	20	
	50	9,69497,05152	3,69158	9,93884,75908	1,20090	9,75612,29244	4,89248	10,24387,70756	10	
42	0	9,69500,74310	3,69115	9,93883,55818	1,20103	9,75617,18492	4,89218	10,24382,81508	0	18
	10	9,69504,43425	3,69075	9,93882,35715	1,20117	9,75622,07710	4,89192	10,24377,92290	50	
	20	9,69508,12500	3,69033	9,93881,15598	1,20131	9,75626,96902	4,89164	10,24373,03098	40	
	30	9,69511,81533	3,68992	9,93879,95467	1,20144	9,75631,86066	4,89136	10,24368,13934	30	
	40	9,69515,50525	3,68950	9,93878,75323	1,20158	9,75636,75202	4,89108	10,24363,24798	20	
	50	9,69519,19475	3,68908	9,93877,55165	1,20171	9,75641,64310	4,89079	10,24358,35690	10	
43	0	9,69522,88383	3,68867	9,93876,34994	1,20185	9,75646,53389	4,89052	10,24353,46611	0	17
	10	9,69526,57250	3,68825	9,93875,14809	1,20198	9,75651,42441	4,89023	10,24348,57559	50	
	20	9,69530,26075	3,68784	9,93873,94611	1,20212	9,75656,31464	4,88996	10,24343,68536	40	
	30	9,69533,94859	3,68742	9,93872,74399	1,20225	9,75661,20460	4,88967	10,24338,79540	30	
	40	9,69537,63601	3,68701	9,93871,54174	1,20239	9,75666,09427	4,88940	10,24333,90573	20	
	50	9,69541,32302	3,68658	9,93870,33935	1,20252	9,75670,98367	4,88910	10,24329,01633	10	
44	0	9,69545,00960	3,68618	9,93869,13683	1,20266	9,75675,87277	4,88884	10,24324,12723	0	16
	10	9,69548,69578	3,68575	9,93867,93417	1,20279	9,75680,76161	4,88854	10,24319,23839	50	
	20	9,69552,38153	3,68535	9,93866,73138	1,20293	9,75685,65015	4,88828	10,24314,34985	40	
	30	9,69556,06688	3,68493	9,93865,52845	1,20306	9,75690,53843	4,88799	10,24309,46157	30	
	40	9,69559,75181	3,68452	9,93864,32539	1,20320	9,75695,42642	4,88772	10,24304,57358	20	
	50	9,69563,43633	3,68410	9,93863,12219	1,20334	9,75700,31414	4,88744	10,24299,68586	10	
45	0	9,69567,12043	3,68369	9,93861,91885	1,20347	9,75705,20158	4,88716	10,24294,79842	0	15
	10	9,69570,80412	3,68327	9,93860,71538	1,20361	9,75710,08874	4,88688	10,24289,91126	50	
	20	9,69574,48739	3,68286	9,93859,51177	1,20374	9,75714,97562	4,88660	10,24285,02438	40	
	30	9,69578,17025	3,68245	9,93858,30803	1,20388	9,75719,86222	4,88633	10,24280,13778	30	
	40	9,69581,85270	3,68203	9,93857,10415	1,20401	9,75724,74855	4,88604	10,24275,25145	20	
	50	9,69585,53473	3,68161	9,93855,90014	1,20415	9,75729,63459	4,88576	10,24270,36541	10	
46	0	9,69589,21524	3,68120	9,93854,69599	1,20428	9,75734,52035	4,88548	10,24265,47965	0	14
	10	9,69592,89754	3,68078	9,93853,49171	1,20442	9,75739,40583	4,88520	10,24260,59417	50	
	20	9,69596,57832	3,68037	9,93852,28729	1,20455	9,75744,29103	4,88492	10,24255,70897	40	
	30	9,69600,25869	3,67996	9,93851,08274	1,20469	9,75749,17595	4,88465	10,24250,82405	30	
	40	9,69603,93865	3,67955	9,93849,87805	1,20483	9,75754,06060	4,88438	10,24245,93940	20	
	50	9,69607,61820	3,67913	9,93848,67322	1,20496	9,75758,94498	4,88409	10,24241,05502	10	
47	0	9,69611,29733	3,67872	9,93847,46826	1,20510	9,75763,82907	4,88382	10,24236,17093	0	13
	10	9,69614,97605	3,67832	9,93846,26316	1,20524	9,75768,71289	4,88356	10,24231,28711	50	
	20	9,69618,65437	3,67789	9,93845,05792	1,20537	9,75773,59645	4,88326	10,24226,40355	40	
	30	9,69622,33226	3,67748	9,93843,85255	1,20550	9,75778,47971	4,88298	10,24221,52029	30	
	40	9,69626,00974	3,67706	9,93842,64705	1,20564	9,75783,36269	4,88270	10,24216,63731	20	
	50	9,69629,68680	3,67664	9,93841,44141	1,20577	9,75788,24539	4,88241	10,24211,75461	10	
48	0	9,69633,36344	3,67623	9,93840,23564	1,20591	9,75793,12780	4,88214	10,24206,87220	0	12
	10	9,69637,03967	3,67582	9,93839,02973	1,20604	9,75798,00994	4,88186	10,24201,99006	50	
	20	9,69640,71549	3,67541	9,93837,82369	1,20618	9,75802,89180	4,88159	10,24197,10820	40	
	30	9,69644,39090	3,67500	9,93836,61751	1,20632	9,75807,77339	4,88132	10,24192,22661	30	
	40	9,69648,06590	3,67458	9,93835,41119	1,20645	9,75812,65471	4,88103	10,24187,34529	20	
	50	9,69651,74048	3,67418	9,93834,20474	1,20659	9,75817,53574	4,88077	10,24182,46426	10	
49	0	9,69655,41466	3,67376	9,93832,99815	1,20672	9,75822,41651	4,88048	10,24177,58349	0	11
	10	9,69659,08842	3,67334	9,93831,79143	1,20686	9,75827,29699	4,88020	10,24172,70301	50	
	20	9,69662,76176	3,67293	9,93830,58457	1,20699	9,75832,17719	4,87992	10,24167,82281	40	
	30	9,69666,43469	3,67252	9,93829,37758	1,20713	9,75837,05711	4,87965	10,24162,94289	30	
	40	9,69670,10721	3,67211	9,93828,17045	1,20727	9,75841,93676	4,87938	10,24158,06324	20	
	50	9,69673,77932	3,67171	9,93826,96318	1,20741	9,75846,81614	4,87912	10,24153,18386	10	
50	0	9,69677,45103	3,67128	9,93825,75577	1,20754	9,75851,69526	4,87882	10,24148,30474	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,69677,45103	3,67128	9,93825,75577	1,20754	9,75851,69526	4,87882	10,24148,30474	0	10
	10	9,69681,12231	3,67087	9,93824,54823	1,20767	9,75856,57408	4,87854	10,24143,42592	50	
	20	9,69684,79318	3,67046	9,93823,34056	1,20781	9,75861,45262	4,87827	10,24138,54738	40	
	30	9,69688,46364	3,67004	9,93822,13275	1,20794	9,75866,33089	4,87798	10,24133,66911	30	
	40	9,69692,13368	3,66964	9,93820,92481	1,20808	9,75871,20887	4,87772	10,24128,79113	20	
	50	9,69695,80332	3,66922	9,93819,71673	1,20822	9,75876,08659	4,87744	10,24123,91341	10	
51	0	9,69699,47254	3,66881	9,93818,50851	1,20835	9,75880,96403	4,87716	10,24119,03597	0	9
	10	9,69703,14135	3,66840	9,93817,30016	1,20849	9,75885,84119	4,87689	10,24114,15881	50	
	20	9,69706,80975	3,66798	9,93816,09167	1,20862	9,75890,71808	4,87660	10,24109,28192	40	
	30	9,69710,47773	3,66758	9,93814,88305	1,20876	9,75895,59468	4,87634	10,24104,40532	30	
	40	9,69714,14531	3,66716	9,93813,67429	1,20889	9,75900,47102	4,87605	10,24099,52898	20	
	50	9,69717,81247	3,66675	9,93812,46540	1,20903	9,75905,34707	4,87578	10,24094,65293	10	
52	0	9,69721,47922	3,66634	9,93811,25637	1,20917	9,75910,22285	4,87551	10,24089,77715	0	8
	10	9,69725,14556	3,66593	9,93810,04720	1,20930	9,75915,09836	4,87523	10,24084,90164	50	
	20	9,69728,81149	3,66552	9,93808,83790	1,20944	9,75919,97359	4,87496	10,24080,02641	40	
	30	9,69732,47701	3,66510	9,93807,62846	1,20957	9,75924,84855	4,87467	10,24075,15145	30	
	40	9,69736,14211	3,66469	9,93806,41889	1,20971	9,75929,72322	4,87440	10,24070,27678	20	
	50	9,69739,80680	3,66428	9,93805,20918	1,20984	9,75934,59762	4,87412	10,24065,40238	10	
53	0	9,69743,47108	3,66387	9,93803,99934	1,20998	9,75939,47174	4,87385	10,24060,52826	0	7
	10	9,69747,13495	3,66346	9,93802,78936	1,21012	9,75944,34559	4,87358	10,24055,65441	50	
	20	9,69750,79841	3,66305	9,93801,57924	1,21025	9,75949,21917	4,87330	10,24050,78083	40	
	30	9,69754,46146	3,66264	9,93800,36899	1,21039	9,75954,09247	4,87303	10,24045,90753	30	
	40	9,69758,12410	3,66224	9,93799,15860	1,21052	9,75958,96550	4,87276	10,24041,03450	20	
	50	9,69761,78634	3,66180	9,93797,94808	1,21066	9,75963,83826	4,87246	10,24036,16174	10	
54	0	9,69765,44814	3,66139	9,93796,73742	1,21079	9,75968,71072	4,87218	10,24031,28928	0	6
	10	9,69769,10953	3,66099	9,93795,52663	1,21093	9,75973,58290	4,87192	10,24026,41710	50	
	20	9,69772,77052	3,66060	9,93794,31570	1,21107	9,75978,45482	4,87167	10,24021,54518	40	
	30	9,69776,43112	3,66018	9,93793,10463	1,21121	9,75983,32649	4,87139	10,24016,67351	30	
	40	9,69780,09130	3,65975	9,93791,89342	1,21133	9,75988,19788	4,87108	10,24011,80212	20	
	50	9,69783,75105	3,65936	9,93790,68209	1,21148	9,75993,06896	4,87084	10,24006,93104	10	
55	0	9,69787,41041	3,65894	9,93789,47061	1,21161	9,75997,93980	4,87055	10,24002,06020	0	5
	10	9,69791,06935	3,65852	9,93788,25900	1,21174	9,76002,81035	4,87026	10,23997,18965	50	
	20	9,69794,72787	3,65812	9,93787,04726	1,21188	9,76007,68061	4,87000	10,23992,31939	40	
	30	9,69798,38599	3,65772	9,93785,83538	1,21202	9,76012,55061	4,86974	10,23987,44939	30	
	40	9,69802,04371	3,65730	9,93784,62336	1,21216	9,76017,42035	4,86946	10,23982,57965	20	
	50	9,69805,70101	3,65689	9,93783,41120	1,21229	9,76022,28981	4,86918	10,23977,71019	10	
56	0	9,69809,35790	3,65649	9,93782,19891	1,21243	9,76027,15899	4,86892	10,23972,84101	0	4
	10	9,69813,01439	3,65607	9,93780,98648	1,21256	9,76032,02791	4,86863	10,23967,97209	50	
	20	9,69816,67046	3,65566	9,93779,77392	1,21270	9,76036,89654	4,86836	10,23963,10346	40	
	30	9,69820,32612	3,65525	9,93778,56122	1,21283	9,76041,76490	4,86808	10,23958,23510	30	
	40	9,69823,98137	3,65484	9,93777,34839	1,21297	9,76046,63298	4,86781	10,23953,36702	20	
	50	9,69827,63621	3,65442	9,93776,13542	1,21310	9,76051,50079	4,86752	10,23948,49921	10	
57	0	9,69831,29063	3,65402	9,93774,92232	1,21324	9,76056,36831	4,86726	10,23943,63169	0	3
	10	9,69834,94465	3,65361	9,93773,70908	1,21338	9,76061,23557	4,86699	10,23938,76443	50	
	20	9,69838,59826	3,65321	9,93772,49570	1,21351	9,76066,10256	4,86672	10,23933,89744	40	
	30	9,69842,25147	3,65280	9,93771,28219	1,21365	9,76070,96928	4,86645	10,23929,03072	30	
	40	9,69845,90427	3,65239	9,93770,06854	1 21379	9,76075,83573	4,86618	10,23924,16427	20	
	50	9,69849,55666	3,65197	9,93768,85475	1,21392	9,76080,70191	4,86589	10,23919,29809	10	
58	0	9,69853,20863	3,65156	9,93767,64083	1,21406	9,76085,56780	4,86562	10,23914,43220	0	2
	10	9,69856,86019	3,65116	9,93766,42677	1,21419	9,76090,43342	4,86535	10,23909,56658	50	
	20	9,69860,51135	3,65075	9,93765,21258	1,21433	9,76095,29877	4,86508	10,23904,70123	40	
	30	9,69864,16210	3,65033	9,93763,99825	1,21446	9,76100,16385	4,86479	10,23899,83615	30	
	40	9,69867,81243	3,64993	9,93762,78379	1,21460	9,76105,02864	4,86453	10,23894,97136	20	
	50	9,69871,46236	3,64952	9,93761,56919	1,21474	9,76109,89317	4,86426	10,23890,10683	10	
59	0	9,69875,11188	3,64911	9,93760,35445	1,21487	9,76114,75743	4,86398	10,23885,24257	0	1
	10	9,69878,76099	3,64870	9,93759,13958	1,21501	9,76119,62141	4,86371	10,23880,37859	50	
	20	9,69882,40969	3,64829	9,93757,92457	1,21514	9,76124,48512	4,86343	10,23875,51488	40	
	30	9,69886,05798	3,64788	9,93756,70943	1,21528	9,76129,34855	4,86316	10,23870,65145	30	
	40	9,69889,70586	3,64749	9,93755,49415	1,21542	9,76134,21171	4,86291	10,23865,78829	20	
	50	9,69893,35335	3,64708	9,93754,27873	1,21556	9,76139,07462	4,86264	10,23860,92538	10	
60	0	9,69897,00043	3,64667	9,93753,06317	1,21569	9,76143,93726	4,86236	10,23856,06274	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,69897,00043	3,64667	9,93753,06317	1,21569	9,76143,93726	4,86236	10,23856,06274	0	60
	10	9,69900,64710	3,64625	9,93751,84748	1,21583	9,76148,79962	4,86208	10,23851,20038	50	
	20	9,69904,29335	3,64585	9,93750,63165	1,21597	9,76153,66170	4,86182	10,23846,33830	40	
	30	9,69907,93920	3,64544	9,93749,41568	1,21610	9,76158,52352	4,86154	10,23841,47648	30	
	40	9,69911,58464	3,64502	9,93748,19958	1,21623	9,76163,38506	4,86125	10,23836,61494	20	
	50	9,69915,22966	3,64462	9,93746,98335	1,21637	9,76168,24631	4,86099	10,23831,75369	10	
1	0	9,69918,87428	3,64422	9,93745,76698	1,21651	9,76173,10730	4,86073	10,23826,89270	0	59
	10	9,69922,51850	3,64380	9,93744,55047	1,21664	9,76177,96803	4,86044	10,23822,03197	50	
	20	9,69926,16230	3,64340	9,93743,33383	1,21678	9,76182,82847	4,86018	10,23817,17153	40	
	30	9,69929,80570	3,64298	9,93742,11705	1,21691	9,76187,68865	4,85989	10,23812,31135	30	
	40	9,69933,44868	3,64258	9,93740,90014	1,21705	9,76192,54854	4,85963	10,23807,45146	20	
	50	9,69937,09126	3,64218	9,93739,68309	1,21719	9,76197,40817	4,85937	10,23802,59183	10	
2	0	9,69940,73344	3,64177	9,93738,46590	1,21732	9,76202,26754	4,85909	10,23797,73246	0	58
	10	9,69944,37521	3,64136	9,93737,24858	1,21746	9,76207,12663	4,85882	10,23792,87337	50	
	20	9,69948,01657	3,64095	9,93736,03112	1,21760	9,76211,98545	4,85855	10,23788,01455	40	
	30	9,69951,65752	3,64054	9,93734,81352	1,21773	9,76216,84400	4,85827	10,23783,15600	30	
	40	9,69955,29806	3,64015	9,93733,59579	1,21787	9,76221,70227	4,85802	10,23778,29773	20	
	50	9,69958,93821	3,63972	9,93732,37792	1,21800	9,76226,56029	4,85772	10,23773,43971	10	
3	0	9,69962,57793	3,63932	9,93731,15992	1,21814	9,76231,41801	4,85746	10,23768,58199	0	57
	10	9,69966,21725	3,63892	9,93729,94178	1,21828	9,76236,27547	4,85720	10,23763,72453	50	
	20	9,69969,85617	3,63852	9,93728,72350	1,21842	9,76241,13267	4,85694	10,23758,86733	40	
	30	9,69973,49469	3,63810	9,93727,50508	1,21855	9,76245,98961	4,85665	10,23754,01039	30	
	40	9,69977,13279	3,63769	9,93726,28653	1,21868	9,76250,84626	4,85637	10,23749,15374	20	
	50	9,69980,77048	3,63729	9,93725,06785	1,21882	9,76255,70263	4,85611	10,23744,29737	10	
4	0	9,69984,40777	3,63688	9,93723,84903	1,21896	9,76260,55874	4,85584	10,23739,44126	0	56
	10	9,69988,04465	3,63647	9,93722,63007	1,21909	9,76265,41458	4,85556	10,23734,58542	50	
	20	9,69991,68112	3,63607	9,93721,41098	1,21923	9,76270,27014	4,85530	10,23729,72986	40	
	30	9,69995,31719	3,63567	9,93720,19175	1,21937	9,76275,12544	4,85504	10,23724,87456	30	
	40	9,69998,95286	3,63526	9,93718,97238	1,21951	9,76279,98048	4,85477	10,23720,01952	20	
	50	9,70002,58812	3,63485	9,93717,75287	1,21964	9,76284,83525	4,85449	10,23715,16475	10	
5	0	9,70006,22297	3,63446	9,93716,53323	1,21978	9,76289,68974	4,85424	10,23710,31026	0	55
	10	9,70009,85743	3,63404	9,93715,31345	1,21992	9,76294,54398	4,85396	10,23705,45602	50	
	20	9,70013,49147	3,63363	9,93714,09353	1,22005	9,76299,39794	4,85368	10,23700,60206	40	
	30	9,70017,12510	3,63322	9,93712,87348	1,22018	9,76304,25162	4,85340	10,23695,74838	30	
	40	9,70020,75832	3,63282	9,93711,65330	1,22032	9,76309,10502	4,85314	10,23690,89498	20	
	50	9,70024,39114	3,63241	9,93710,43298	1,22046	9,76313,95816	4,85287	10,23686,04184	10	
6	0	9,70028,02355	3,63200	9,93709,21252	1,22059	9,76318,81103	4,85259	10,23681,18897	0	54
	10	9,70031,65555	3,63160	9,93707,99193	1,22073	9,76323,66362	4,85233	10,23676,33638	50	
	20	9,70035,28715	3,63121	9,93706,77120	1,22087	9,76328,51595	4,85208	10,23671,48405	40	
	30	9,70038,91836	3,63079	9,93705,55033	1,22100	9,76333,36803	4,85179	10,23666,63197	30	
	40	9,70042,54915	3,63038	9,93704,32933	1,22114	9,76338,21982	4,85152	10,23661,78018	20	
	50	9,70046,17953	3,62998	9,93703,10819	1,22128	9,76343,07134	4,85126	10,23656,92866	10	
7	0	9,70049,80951	3,62957	9,93701,88691	1,22141	9,76347,92260	4,85098	10,23652,07740	0	53
	10	9,70053,43908	3,62917	9,93700,66550	1,22155	9,76352,77358	4,85072	10,23647,22642	50	
	20	9,70057,06825	3,62877	9,93699,44395	1,22169	9,76357,62430	4,85046	10,23642,37570	40	
	30	9,70060,69702	3,62836	9,93698,22226	1,22182	9,76362,47476	4,85018	10,23637,52524	30	
	40	9,70064,32538	3,62795	9,93697,00044	1,22196	9,76367,32494	4,84991	10,23632,67506	20	
	50	9,70067,95333	3,62755	9,93695,77848	1,22210	9,76372,17485	4,84965	10,23627,82515	10	
8	0	9,70071,58088	3,62714	9,93694,55638	1,22223	9,76377,02450	4,84937	10,23622,97550	0	52
	10	9,70075,20802	3,62674	9,93693,33415	1,22237	9,76381,87387	4,84911	10,23618,12613	50	
	20	9,70078,83476	3,62633	9,93692,11178	1,22250	9,76386,72298	4,84883	10,23613,27702	40	
	30	9,70082,46109	3,62593	9,93690,88928	1,22264	9,76391,57181	4,84857	10,23608,42819	30	
	40	9,70086,08702	3,62553	9,93689,66664	1,22278	9,76396,42038	4,84831	10,23603,57962	20	
	50	9,70089,71255	3,62512	9,93688,44386	1,22292	9,76401,26869	4,84804	10,23598,73131	10	
9	0	9,70093,33767	3,62471	9,93687,22094	1,22305	9,76406,11673	4,84776	10,23593,88327	0	51
	10	9,70096,96238	3,62431	9,93685,99789	1,22319	9,76410,96449	4,84750	10,23589,03551	50	
	20	9,70100,58669	3,62390	9,93684,77470	1,22332	9,76415,81199	4,84722	10,23584,18801	40	
	30	9,70104,21059	3,62350	9,93683,55138	1,22346	9,76420,65921	4,84696	10,23579,34079	30	
	40	9,70107,83409	3,62310	9,93682,32792	1,22360	9,76425,50617	4,84670	10,23574,49383	20	
	50	9,70111,45719	3,62269	9,93681,10432	1,22373	9,76430,35287	4,84642	10,23569,64713	10	
10	0	9,70115,07988	3,62229	9,93679,88059	1,22387	9,76435,19929	4,84616	10,23564,80071	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,70115,07988	3,62229	9,93679,88059	1,22387	9,76435,19929	4,84616	10,23564,80071	0	50
	10	9,70118,70217	3,62189	9,93678,65672	1,22401	9,76440,04545	4,84590	10,23559,95455	50	
	20	9,70122,32406	3,62147	9,93677,43271	1,22414	9,76444,89135	4,84561	10,23555,10865	40	
	30	9,70125,94553	3,62107	9,93676,20857	1,22428	9,76449,73696	4,84535	10,23550,26304	30	
	40	9,70129,56660	3,62068	9,93674,98429	1,22442	9,76454,58231	4,84510	10,23545,41769	20	
	50	9,70133,18728	3,62027	9,93673,75987	1,22455	9,76459,42741	4,84482	10,23540,57259	10	
11	0	9,70136,80755	3,61988	9,93672,53532	1,22470	9,76464,27223	4,84458	10,23535,72777	0	49
	10	9,70140,42743	3,61946	9,93671,31062	1,22483	9,76469,11681	4,84429	10,23530,88319	50	
	20	9,70144,04689	3,61905	9,93670,08579	1,22496	9,76473,96110	4,84401	10,23526,03890	40	
	30	9,70147,66594	3,61865	9,93668,86083	1,22510	9,76478,80511	4,84375	10,23521,19489	30	
	40	9,70151,28459	3,61824	9,93667,63573	1,22523	9,76483,64886	4,84347	10,23516,35114	20	
	50	9,70154,90283	3,61784	9,93666,41050	1,22537	9,76488,49233	4,84321	10,23511,50767	10	
12	0	9,70158,52067	3,61745	9,93665,18513	1,22550	9,76493,33554	4,84295	10,23506,66446	0	48
	10	9,70162,13812	3,61703	9,93663,95963	1,22564	9,76498,17849	4,84267	10,23501,82151	50	
	20	9,70165,75515	3,61663	9,93662,73399	1,22579	9,76503,02116	4,84242	10,23496,97884	40	
	30	9,70169,37178	3,61624	9,93661,50820	1,22593	9,76507,86358	4,84217	10,23492,13642	30	
	40	9,70172,98802	3,61583	9,93660,28227	1,22606	9,76512,70575	4,84189	10,23487,29425	20	
	50	9,70176,60385	3,61543	9,93659,05621	1,22619	9,76517,54764	4,84162	10,23482,45236	10	
13	0	9,70180,21928	3,61503	9,93657,83002	1,22633	9,76522,38926	4,84136	10,23477,61074	0	47
	10	9,70183,83431	3,61462	9,93656,60369	1,22647	9,76527,23062	4,84109	10,23472,76938	50	
	20	9,70187,44893	3,61421	9,93655,37722	1,22660	9,76532,07171	4,84081	10,23467,92829	40	
	30	9,70191,06314	3,61381	9,93654,15062	1,22674	9,76536,91252	4,84055	10,23463,08748	30	
	40	9,70194,67695	3,61341	9,93652,92388	1,22688	9,76541,75307	4,84029	10,23458,24693	20	
	50	9,70198,29036	3,61301	9,93651,69700	1,22701	9,76546,59336	4,84002	10,23453,40664	10	
14	0	9,70201,90337	3,61261	9,93650,46999	1,22715	9,76551,43338	4,83976	10,23448,56662	0	46
	10	9,70205,51598	3,61221	9,93649,24284	1,22729	9,76556,27314	4,83950	10,23443,72686	50	
	20	9,70209,12819	3,61180	9,93648,01555	1,22742	9,76561,11264	4,83922	10,23438,88736	40	
	30	9,70212,73999	3,61140	9,93646,78813	1,22756	9,76565,95186	4,83896	10,23434,04814	30	
	40	9,70216,35139	3,61100	9,93645,56057	1,22770	9,76570,79082	4,83870	10,23429,20918	20	
	50	9,70219,96239	3,61059	9,93644,33287	1,22783	9,76575,62952	4,83842	10,23424,37048	10	
15	0	9,70223,57298	3,61019	9,93643,10504	1,22797	9,76580,46794	4,83816	10,23419,53206	0	45
	10	9,70227,18317	3,60979	9,93641,87707	1,22811	9,76585,30610	4,83790	10,23414,69390	50	
	20	9,70230,79296	3,60940	9,93640,64896	1,22825	9,76590,14400	4,83765	10,23409,85600	40	
	30	9,70234,40236	3,60899	9,93639,42071	1,22838	9,76594,98165	4,83737	10,23405,01835	30	
	40	9,70238,01135	3,60858	9,93638,19233	1,22852	9,76599,81902	4,83710	10,23400,18098	20	
	50	9,70241,61993	3,60817	9,93636,96381	1,22865	9,76604,65612	4,83682	10,23395,34388	10	
16	0	9,70245,22810	3,60778	9,93635,73516	1,22879	9,76609,49294	4,83657	10,23390,50706	0	44
	10	9,70248,83588	3,60738	9,93634,50637	1,22893	9,76614,32951	4,83631	10,23385,67049	50	
	20	9,70252,44326	3,60698	9,93633,27744	1,22907	9,76619,16582	4,83605	10,23380,83418	40	
	30	9,70256,05024	3,60657	9,93632,04837	1,22920	9,76624,00187	4,83577	10,23375,99813	30	
	40	9,70259,65681	3,60618	9,93630,81917	1,22934	9,76628,83764	4,83552	10,23371,16236	20	
	50	9,70263,26299	3,60577	9,93629,58983	1,22948	9,76633,67316	4,83525	10,23366,32684	10	
17	0	9,70266,86876	3,60537	9,93628,36035	1,22961	9,76638,50841	4,83498	10,23361,49159	0	43
	10	9,70270,47413	3,60497	9,93627,13074	1,22975	9,76643,34339	4,83472	10,23356,65661	50	
	20	9,70274,07910	3,60457	9,93625,90099	1,22989	9,76648,17811	4,83446	10,23351,82189	40	
	30	9,70277,68367	3,60416	9,93624,67110	1,23002	9,76653,01257	4,83418	10,23346,98743	30	
	40	9,70281,28783	3,60376	9,93623,44108	1,23016	9,76657,84675	4,83392	10,23342,15325	20	
	50	9,70284,89159	3,60337	9,93622,21092	1,23030	9,76662,68067	4,83367	10,23337,31933	10	
18	0	9,70288,49496	3,60296	9,93620,98062	1,23043	9,76667,51434	4,83339	10,23332,48566	0	42
	10	9,70292,09792	3,60256	9,93619,75019	1,23057	9,76672,34773	4,83313	10,23327,65227	50	
	20	9,70295,70048	3,60216	9,93618,51962	1,23071	9,76677,18086	4,83287	10,23322,81914	40	
	30	9.70299.30264	3,60177	9,93617,28891	1,23085	9,76682,01373	4,83262	10,23317,98627	30	
	40	9,70302,90441	3,60136	9,93616,05806	1,23098	9,76686,84635	4,83234	10,23313,15365	20	
	50	9,70306,50577	3,60096	9,93614,82708	1,23112	9,76691,67869	4,83208	10,23308,32131	10	
19	0	9,70310,10673	3,60057	9,93613,59596	1,23126	9,76696,51077	4,83183	10,23303,48923	0	41
	10	9,70313,70730	3,60016	9,93612,36470	1,23139	9,76701,34260	4,83155	10,23298,65740	50	
	20	9,70317,30746	3,59975	9,93611,13331	1,23153	9,76706,17415	4,83128	10,23293,82585	40	
	30	9,70320,90721	3,59936	9,93609,90178	1,23167	9,76711,00543	4,83103	10,23288,99457	30	
	40	9,70324,50657	3,59895	9,93608,67011	1,23180	9,76715,83646	4,83075	10,23284,16354	20	
	50	9,70328,10552	3,59856	9,93607,43831	1,23194	9,76720,66721	4,83050	10,23279,33279	10	
20	0	9,70331,70408	3,59816	9,93606,20637	1,23208	9,76725,49771	4,83024	10,23274,50229	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	9,70331,70408	3,59816	9,93606,20637	1,23208	9,76725,49771	4,83024	10,23274,50229	0	40
	10	9,70335,30224	3,59776	9,93604,97429	1,23222	9,76730,32795	4,82998	10,23269,67205	50	
	20	9,70338,90000	3,59735	9,93603,74207	1,23235	9,76735,15793	4,82970	10,23264,84207	40	
	30	9,70342,49735	3,59696	9,93602,50972	1,23249	9,76739,98763	4,82945	10,23260,01237	30	
	40	9,70346,09431	3,59656	9,93601,27723	1,23263	9,76744,81708	4,82919	10,23255,18292	20	
	50	9,70349,69087	3,59615	9,93600,04460	1,23276	9,76749,64627	4,82891	10,23250,35373	10	
21	0	9,70353,28702	3,59576	9,93598,81184	1,23290	9,76754,47518	4,82866	10,23245,52482	0	39
	10	9,70356,88278	3,59536	9,93597,57894	1,23304	9,76759,30384	4,82840	10,23240,69616	50	
	20	9,70360,47814	3,59495	9,93596,34590	1,23317	9,76764,13224	4,82812	10,23235,86776	40	
	30	9,70364,07309	3,59455	9,93595,11273	1,23331	9,76768,96036	4,82786	10,23231,03964	30	
	40	9,70367,66764	3,59416	9,93593,87942	1,23345	9,76773,78822	4,82761	10,23226,21178	20	
	50	9,70371,26180	3,59376	9,93592,64597	1,23359	9,76778,61583	4,82735	10,23221,38417	10	
22	0	9,70374,85556	3,59337	9,93591,41238	1,23373	9,76783,44318	4,82710	10,23216,55682	0	38
	10	9,70378,44893	3,59296	9,93590,17865	1,23386	9,76788,27028	4,82682	10,23211,72972	50	
	20	9,70382,04189	3,59256	9,93588,94479	1,23400	9,76793,09710	4,82656	10,23206,90290	40	
	30	9,70385,63445	3,59216	9,93587,71079	1,23413	9,76797,92366	4,82629	10,23202,07634	30	
	40	9,70389,22661	3,59176	9,93586,47666	1,23427	9,76802,74995	4,82603	10,23197,25005	20	
	50	9,70392,81837	3,59136	9,93585,24239	1,23441	9,76807,57598	4,82577	10,23192,42402	10	
23	0	9,70396,40973	3,59097	9,93584,00798	1,23455	9,76812,40175	4,82552	10,23187,59825	0	37
	10	9,70400,00070	3,59056	9,93582,77343	1,23468	9,76817,22727	4,82524	10,23182,77273	50	
	20	9,70403,59126	3,59016	9,93581,53875	1,23482	9,76822,05251	4,82498	10,23177,94749	40	
	30	9,70407,18142	3,58978	9,93580,30393	1,23496	9,76826,87749	4,82474	10,23173,12251	30	
	40	9,70410,77120	3,58936	9,93579,06897	1,23509	9,76831,70223	4,82445	10,23168,29777	20	
	50	9,70414,36056	3,58897	9,93577,83388	1,23523	9,76836,52668	4,82420	10,23163,47332	10	
24	0	9,70417,94953	3,58857	9,93576,59865	1,23537	9,76841,35088	4,82394	10,23158,64912	0	36
	10	9,70421,53810	3,58818	9,93575,36328	1,23550	9,76846,17482	4,82368	10,23153,82518	50	
	20	9,70425,12628	3,58776	9,93574,12778	1,23564	9,76850,99850	4,82340	10,23149,00150	40	
	30	9,70428,71404	3,58737	9,93572,89214	1,23578	9,76855,82190	4,82315	10,23144,17810	30	
	40	9,70432,30141	3,58698	9,93571,65636	1,23592	9,76860,64505	4,82290	10,23139,35495	20	
	50	9,70435,88839	3,58658	9,93570,42044	1,23606	9,76865,46795	4,82264	10,23134,53205	10	
25	0	9,70439,47497	3,58618	9,93569,18438	1,23619	9,76870,29059	4,82237	10,23129,70941	0	35
	10	9,70443,06115	3,58578	9,93567,94819	1,23633	9,76875,11296	4,82211	10,23124,88704	50	
	20	9,70446,64693	3,58539	9,93566,71186	1,23647	9,76879,93507	4,82186	10,23120,06493	40	
	30	9,70450,23232	3,58500	9,93565,47539	1,23661	9,76884,75693	4,82161	10,23115,24307	30	
	40	9,70453,81732	3,58458	9,93564,23878	1,23674	9,76889,57854	4,82132	10,23110,42146	20	
	50	9,70457,40190	3,58419	9,93563,00204	1,23688	9,76894,39986	4,82107	10,23105,60014	10	
26	0	9,70460,98609	3,58380	9,93561,76516	1,23702	9,76899,22093	4,82082	10,23100,77907	0	34
	10	9,70464,56989	3,58339	9,93560,52814	1,23715	9,76904,04175	4,82054	10,23095,95825	50	
	20	9,70468,15328	3,58299	9,93559,29099	1,23729	9,76908,86229	4,82028	10,23091,13771	40	
	30	9,70471,73627	3,58260	9,93558,05370	1,23743	9,76913,68257	4,82003	19,23086,31743	30	
	40	9,70475,31887	3,58220	9,93556,81627	1,23757	9,76918,50260	4,81977	10,23081,49740	20	
	50	9,70478,90107	3,58181	9,93555,57870	1,23770	9,76923,32237	4,81951	10,23076,67763	10	
27	0	9,70482,48288	3,58141	9,93554,34100	1,23784	9,76928,14188	4,81925	10,23071,85812	0	33
	10	9,70486,06429	3,58101	9,93553,10316	1,23798	9,76932,96113	4,81899	10,23067,03887	50	
	20	9,70489,64530	3,58060	9,93551,86518	1,23811	9,76937,78012	4,81871	10,23062,21988	40	
	30	9,70493,22590	3,58021	9,93550,62707	1,23825	9,76942,59883	4,81846	10,23057,40117	30	
	40	9,70496,80611	3,57982	9,93549,38882	1,23839	9,76947,41729	4,81821	10,23052,58271	20	
	50	9,70500,38593	3,57942	9,93548,15043	1,23853	9,76952,23550	4,81795	10,23047,76450	10	
28	0	9,70503,96535	3,57902	9,93546,91190	1,23866	9,76957,05345	4,81768	10,23042,94655	0	32
	10	9,70507,54437	3,57863	9,93545,67324	1,23880	9,76961,87113	4,81743	10,23038,12887	50	
	20	9,70511,12300	3,57823	9,93544,43444	1,23894	9,76966,68856	4,81717	10,23033,31144	40	
	30	9,70514,70123	3,57784	9,93543,19550	1,23908	9,76971,50573	4,81692	10,23028,49427	30	
	40	9,70518,27907	3,57744	9,93541,95642	1,23922	9,76976,32265	4,81666	10,23023,67735	20	
	50	9,70521,85651	3,57703	9,93540,71720	1,23935	9,76981,13931	4,81638	10,23018,86069	10	
29	0	9,70525,43354	3,57665	9,93539,47785	1,23949	9,76985,95569	4,81614	10,23014,04431	0	31
	10	9,70529,01019	3,57625	9,93538,23836	1,23963	9,76990,77183	4,81588	10,23009,22817	50	
	20	9,70532,58644	3,57584	9,93536,99873	1,23976	9,76995,58771	4,81560	10,23004,41229	40	
	30	9,70536,16228	3,57546	9,93535,75897	1,23990	9,77000,40331	4,81536	10,22999,59669	30	
	40	9,70539,73774	3,57505	9,93534,51907	1,24004	9,77005,21867	4,81509	10,22994,78133	20	
	50	9,70543,31279	3,57466	9,93533,27903	1,24018	9,77010,03376	4,81484	10,22989,96624	10	
30	0	9,70546,88745	3.57426	9,93532,03885	1,24031	9,77014,84860	4,81457	10,22985,15140	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
30	0	9,70546,88745	3,57426	9,93532,03885	1,24031	9,77014,84860	4,81457	10,22985,15140	0	30
	10	9,70550,46171	3,57386	9,93530,79854	1,24045	9,77019,66317	4,81431	10,22980,33683	50	
	20	9,70554,03557	3,57348	9,93529,55809	1,24059	9,77024,47748	4,81407	10,22975,52252	40	
	30	9,70557,60905	3,57309	9,93528,31750	1,24073	9,77029,29155	4,81382	10,22970,70845	30	
	40	9,70561,18214	3,57268	9,93527,07677	1,24087	9,77034,10537	4,81355	10,22965,89463	20	
	50	9,70564,75482	3,57228	9,93525,83590	1,24100	9,77038,91892	4,81328	10,22961,08108	10	
31	0	9,70568,32710	3,57188	9,93524,59490	1,24114	9,77043,73220	4,81302	10,22956,26780	0	29
	10	9,70571,89898	3,57149	9,93523,35376	1,24128	9,77048,54522	4,81277	10,22951,45478	50	
	20	9,70575,47047	3,57110	9,93522,11248	1,24141	9,77053,35799	4,81251	10,22946,64201	40	
	30	9,70579,04157	3,57070	9,93520,87107	1,24155	9,77058,17050	4,81225	10,22941,82950	30	
	40	9,70582,61227	3,57031	9,93519,62952	1,24169	9,77062,98275	4,81200	10,22937,01725	20	
	50	9,70586,18258	3,56991	9,93518,38783	1,24183	9,77067,79475	4,81174	10,22932,20525	10	
32	0	9,70589,75249	3,56951	9,93517,14600	1,24196	9,77072,60649	4,81147	10,22927,39351	0	28
	10	9,70593,32200	3,56912	9,93515,90404	1,24210	9,77077,41796	4,81122	10,22922,58204	50	
	20	9,70596,89112	3,56872	9,93514,66194	1,24224	9,77082,22918	4,81096	10,22917,77082	40	
	30	9,70600,45984	3,56833	9,93513,41970	1,24238	9,77087,04014	4,81071	10,22912,95986	30	
	40	9,70604,02817	3,56793	9,93512,17732	1,24252	9,77091,85085	4,81045	10,22908,14915	20	
	50	9,70607,59610	3,56754	9,93510,93480	1,24265	9,77096,66130	4,81019	10,22903,33870	10	
33	0	9,70611,16364	3,56714	9,93509,69215	1,24279	9,77101,47149	4,80993	10,22898,52851	0	27
	10	9,70614,73078	3,56674	9,93508,44936	1,24293	9,77106,28142	4,80967	10,22893,71858	50	
	20	9,70618,29752	3,56636	9,93507,20643	1,24307	9,77111,09109	4,80943	10,22888,90891	40	
	30	9,70621,86388	3,56595	9,93505,96336	1,24320	9,77115,90052	4,80915	10,22884,09948	30	
	40	9,70625,42983	3,56556	9,93504,72016	1,24334	9,77120,70967	4,80890	10,22879,29033	20	
	50	9,70628,99539	3,56517	9,93503,47682	1,24348	9,77125,51857	4,80865	10,22874,48143	10	
34	0	9,70632,56056	3,56478	9,93502,23334	1,24362	9,77130,32722	4,80840	10,22869,67278	0	26
	10	9,70636,12534	3,56437	9,93500,98972	1,24375	9,77135,13562	4,80812	10,22864,86438	50	
	20	9,70639,68971	3,56398	9,93499,74597	1,24389	9,77139,94374	4,80787	10,22860,05626	40	
	30	9,70643,25369	3,56360	9,93498,50208	1,24403	9,77144,75161	4,80763	10,22855,24839	30	
	40	9,70646,81729	3,56320	9,93497,25805	1,24417	9,77149,55924	4,80737	10,22850,44076	20	
	50	9,70650,38049	3,56280	9,93496,01388	1,24431	9,77154,36661	4,80711	10,22845,63339	10	
35	0	9,70653,94329	3,56241	9,93494,76957	1,24444	9,77159,17372	4,80685	10,22840,82628	0	25
	10	9,70657,50570	3,56201	9,93493,52513	1,24458	9,77163,98057	4,80659	10,22836,01943	50	
	20	9,70661,06771	3,56162	9,93492,28055	1,24472	9,77168,78716	4,80634	10,22831,21284	40	
	30	9,70664,62933	3,56123	9,93491,03583	1,24486	9,77173,59350	4,80609	10,22826,40650	30	
	40	9,70668,19056	3,56082	9,93489,79097	1,24499	9,77178,39959	4,80581	10,22821,60041	20	
	50	9,70671,75138	3,56044	9,93488,54598	1,24513	9,77183,20540	4,80557	10,22816,79460	10	
36	0	9,70675,31182	3,56004	9,93487,30085	1,24527	9,77188,01097	4,80531	10,22811,98903	0	24
	10	9,70678,87186	3,55965	9,93486,05558	1,24541	9,77192,81628	4,80506	10,22807,18372	50	
	20	9,70682,43151	3,55925	9,93484,81017	1,24554	9,77197,62134	4,80479	10,22802,37866	40	
	30	9,70685,99076	3,55886	9,93483,56463	1,24568	9,77202,42613	4,80454	10,22797,57387	30	
	40	9,70689,54962	3,55846	9,93482,31895	1,24582	9,77207,23067	4,80428	10,22792,76933	20	
	50	9,70693,10808	3,55807	9,93481,07313	1,24596	9,77212,03495	4,80403	10,22787,96505	10	
37	0	9,70696,66615	3,55767	9,93479,82717	1,24609	9,77216,83898	4,80376	10,22783,16102	0	23
	10	9,70700,22382	3,55728	9,93478,58108	1,24623	9,77221,64274	4,80351	10,22778,35726	50	
	20	9,70703,78110	3,55690	9,93477,33485	1,24637	9,77226,44625	4,80327	10,22773,55375	40	
	30	9,70707,33800	3,55650	9,93476,08848	1,24651	9,77231,24952	4,80301	10,22768,75048	30	
	40	9,70710,89450	3,55610	9,93474,84197	1,24665	9,77236,05253	4,80275	10,22763,94747	20	
	50	9,70714,45060	3,55572	9,93473,59532	1,24679	9,77240,85528	4,80251	10,22759,14472	10	
38	0	9,70718,00632	3,55531	9,93472,34853	1,24692	9,77245,65779	4,80223	10,22754,34221	0	22
	10	9,70721,56163	3,55493	9,93471,10161	1,24706	9,77250,46002	4,80199	10,22749,53998	50	
	20	9,70725,11656	3,55453	9,93469,85455	1,24720	9,77255,26201	4,80173	10,22744,73799	40	
	30	9,70728,67109	3,55414	9,93468,60735	1,24734	9,77260,06374	4,80148	10,22739,93626	30	
	40	9,70732,22523	3,55375	9,93467,36001	1,24748	9,77264,86522	4,80123	10,22735,13478	20	
	50	9,70735,77898	3,55336	9,93466,11253	1,24761	9,77269,66645	4,80097	10,22730,33355	10	
39	0	9,70739,33234	3,55296	9,93464,86492	1,24775	9,77274,46742	4,80071	10,22725,53258	0	21
	10	9,70742,88530	3,55257	9,93463,61717	1,24789	9,77279,26813	4,80046	10,22720,73187	50	
	20	9,70746,43787	3,55218	9,93462,36928	1,24803	9,77284,06859	4,80021	10,22715,93141	40	
	30	9,70749,99005	3,55179	9,93461,12125	1,24817	9,77288,86880	4,79996	10,22711,13120	30	
	40	9,70753,54184	3,55139	9,93459,87308	1,24830	9,77293,66876	4,79969	10,22706,33124	20	
	50	9,70757,09323	3,55099	9,93458,62478	1,24844	9,77298,46845	4,79943	10,22701,53155	10	
40	0	9,70760,64422	3,55061	9,93457,37634	1,24858	9,77303,26788	4,79919	10,22696,73212	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	9,71183,93361	3,50398	9,93306,55951	1,26519	9,77877,37410	4,76917	10,22122,62590	0	60
	10	9,71187,43759	3,50360	9,93305,29432	1,26533	9,77882,14327	4,76893	10,22117,85673	50	
	20	9,71190,94119	3,50320	9,93304,02899	1,26547	9,77886,91220	4,76867	10,22113,08780	40	
	30	9,71194,44439	3,50282	9,93302,76352	1,26561	9,77891,68087	4,76843	10,22108,31913	30	
	40	9,71197,94721	3,50244	9,93301,49791	1,26575	9,77896,44930	4,76819	10,22103,55070	20	
	50	9,71201,44965	3,50206	9,93300,23216	1,26589	9,77901,21749	4,76795	10,22098,78251	10	
1	0	9,71204,95171	3,50168	9,93298,96627	1,26603	9,77905,98544	4,76771	10,22094,01456	0	59
	10	9,71208,45339	3,50130	9,93297,70024	1,26617	9,77910,75315	4,76747	10,22089,24685	50	
	20	9,71211,95469	3,50089	9,93296,43407	1,26630	9,77915,52062	4,76719	10,22084,47938	40	
	30	9,71215,45558	3,50051	9,93295,16777	1,26644	9,77920,28781	4,76695	10,22079,71219	30	
	40	9,71218,95609	3,50013	9,93293,90133	1,26658	9,77925,05476	4,76671	10,22074,94524	20	
	50	9,71222,45622	3,49976	9,93292,63475	1,26672	9,77929,82147	4,76648	10,22070,17853	10	
2	0	9,71225,95598	3,49937	9,93291,36803	1,26686	9,77934,58795	4,76623	10,22065,41205	0	58
	10	9,71229,45535	3,49899	9,93290,10117	1,26700	9,77939,35418	4,76599	10,22060,64582	50	
	20	9,71232,95434	3,49859	9,93288,83417	1,26714	9,77944,12017	4,76573	10,22055,87983	40	
	30	9,71236,45293	3,49821	9,93287,56703	1,26728	9,77948,88590	4,76549	10,22051,11410	30	
	40	9,71239,95114	3,49782	9,93286,29975	1,26741	9,77953,65139	4,76523	10,22046,34861	20	
	50	9,71243,44896	3,49745	9,93285,03234	1,26755	9,77958,41662	4,76500	10,22041,58338	10	
3	0	9,71249,94641	3,49706	9,93283,76479	1,26770	9,77963,18162	4,76476	10,22036,81838	0	57
	10	9,71250,44347	3,49669	9,93282,49709	1,26784	9,77967,94638	4,76453	10,22032,05362	50	
	20	9,71253,94016	3,49630	9,93281,22925	1,26797	9,77972,71091	4,76427	10,22027,28909	40	
	30	9,71257,43646	3,49592	9,93279,96128	1,26811	9,77977,47518	4,76403	10,22022,52482	30	
	40	9,71260,93238	3,49552	9,93278,69317	1,26825	9,77982,23921	4,76377	10,22017,76079	20	
	50	9,71264,42790	3,49514	9,93277,42492	1,26839	9,77987,00298	4,76353	10,22012,99702	10	
4	0	9,71267,92304	3,49475	9,93276,15653	1,26852	9,77991,76651	4,76327	10,22008,23349	0	56
	10	9,71271,41779	3,49438	9,93274,88801	1,26867	9,77996,52978	4,76305	10,22003,47022	50	
	20	9,71274,91217	3,49400	9,93273,61934	1,26881	9,78001,29283	4,76281	10,21998,70717	40	
	30	9,71278,40617	3,49362	9,93272,35053	1,26895	9,78006,05564	4,76257	10,21993,94436	30	
	40	9,71281,89979	3,49324	9,93271,08158	1,26909	9,78010,81821	4,76233	10,21989,18179	20	
	50	9,71285,39303	3,49284	9,93269,81249	1,26923	9,78015,58054	4,76207	10,21984,41946	10	
5	0	9,71288,88587	3,49246	9,93268,54326	1,26937	9,78020,34261	4,76183	10,21979,65739	0	55
	10	9,71292,37833	3,49208	9,93267,27389	1,26951	9,78025,10444	4,76159	10,21974,89556	50	
	20	9,71295,87041	3,49171	9,93266,00438	1,26964	9,78029,86603	4,76135	10,21970,13397	40	
	30	9,71299,36212	3,49132	9,93264,73474	1,26978	9,78034,62738	4,76110	10,21965,37262	30	
	40	9,71302,85344	3,49093	9,93263,46496	1,26992	9,78039,38848	4,76085	10,21960,61152	20	
	50	9,71306,34437	3,49055	9,93262,19504	1,27006	9,78044,14933	4,76061	10,21955,85067	10	
6	0	9,71309,83492	3,49016	9,93260,92498	1,27019	9,78048,90994	4,76035	10,21951,09006	0	54
	10	9,71313,32508	3,48979	9,93259,65479	1,27034	9,78053,67029	4,76013	10,21946,32971	50	
	20	9,71316,81487	3,48940	9,93258,38445	1,27048	9,78058,43042	4,75988	10,21941,56958	40	
	30	9,71320,30427	3,48901	9,93257,11397	1,27062	9,78063,19030	4,75963	10,21936,80970	30	
	40	9,71323,79328	3,48864	9,93255,84335	1,27076	9,78067,94993	4,75940	10,21932,05007	20	
	50	9,71327,28192	3,48827	9,93254,57259	1,27090	9,78072,70933	4,75917	10,21927,29067	10	
7	0	9,71330,77019	3,48789	9,93253,30169	1,27104	9,78077,46850	4,75893	10,21922,53150	0	53
	10	9,71334,25808	3,48749	9,93252,03065	1,27118	9,78082,22743	4,75867	10,21917,77257	50	
	20	9,71337,74557	3,48710	9,93250,75947	1,27131	9,78086,98610	4,75841	10,21913,01390	40	
	30	9,71341,23267	3,48672	9,93249,48816	1,27145	9,78091,74451	4,75817	10,21908,25549	30	
	40	9,71344,71939	3,48634	9,93248,21671	1,27159	9,78096,50268	4,75793	10,21903,49732	20	
	50	9,71348,20573	3,48597	9,93246,94512	1,27173	9,78101,26061	4,75770	10,21898,73939	10	
8	0	9,71351,69170	3,48558	9,93245,67339	1,27187	9,78106,01831	4,75745	10,21893,98169	0	52
	10	9,71355,17728	3,48520	9,93244,40152	1,27201	9,78110,77576	4,75721	10,21889,22424	50	
	20	9,71358,66248	3,48481	9,93243,12951	1,27215	9,78115,53297	4,75696	10,21884,46703	40	
	30	9,71362,14729	3,48444	9,93241,85736	1,27229	9,78120,28993	4,75673	10,21879,71007	30	
	40	9,71365,63173	3,48406	9,93240,58507	1,27243	9,78125,04666	4,75649	10,21874,95334	20	
	50	9,71369,11579	3,48367	9,93239,31264	1,27257	9,78129,80315	4,75624	10,21870,19685	10	
9	0	9,71372,59946	3,48330	9,93238,04007	1,27271	9,78134,55939	4,75601	10,21865,44061	0	51
	10	9,71376,08276	3,48292	9,93236,76736	1,27285	9,78139,31540	4,75577	10,21860,68460	50	
	20	9,71379,56568	3,48252	9,93235,49451	1,27299	9,78144,07117	4,75551	10,21855,92883	40	
	30	9,71383,04820	3,48215	9,93234,22152	1,27312	9,78148,82668	4,75527	10,21851,17332	30	
	40	9,71386,53035	3,48176	9,93232,94840	1,27326	9,78153,58195	4,75502	10,21846,41805	20	
	50	9,71390,01211	3,48137	9,93231,67514	1,27340	9,78158,33697	4,75477	10,21841,66303	10	
10	0	9,71393,49348	3,48100	9,93230,40174	1,27355	9,78163,09174	4,75455	10,21836,90826	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	9,71393,49348	3,48100	9,93230,40174	1,27355	9,78163,09174	4,75455	10,21836,90826	0	50
	10	9,71396,97448	3,48063	9,93229,12819	1,27369	9,78167,84629	4,75432	10,21832,15371	50	
	20	9,71400,45511	3,48025	9,93227,85450	1,27382	9,78172,60061	4,75407	10,21827,39939	40	
	30	9,71403,93536	3,47985	9,93226,58068	1,27396	9,78177,35468	4,75381	10,21822,64532	30	
	40	9,71407,41521	3,47948	9,93225,30672	1,27410	9,78182,10849	4,75358	10,21817,89151	20	
	50	9,71410,89469	3,47911	9,93224,03262	1,27424	9,78186,86207	4,75335	10,21813,13793	10	
11	0	9,71414,37380	3,47872	9,93222,75838	1,27437	9,78191,61542	4,75309	10,21808,38458	0	49
	10	9,71417,85252	3,47833	9,93221,48401	1,27452	9,78196,36851	4,75285	10,21803,63149	50	
	20	9,71421,33085	3,47795	9,93220,20949	1,27466	9,78201,12136	4,75261	10,21798,87864	40	
	30	9,71424,80880	3,47757	9,93218,93483	1,27480	9,78205,87397	4,75237	10,21794,12603	30	
	40	9,71428,28637	3,47719	9,93217,66003	1,27494	9,78210,62634	4,75213	10,21789,37366	20	
	50	9,71431,76356	3,47683	9,93216,38509	1,27508	9,78215,37847	4,75191	10,21784,62153	10	
12	0	9,71435,24039	3,47645	9,93215,11001	1,27522	9,78220,13038	4,75167	10,21779,86962	0	48
	10	9,71438,71684	3,47606	9,93213,83479	1,27536	9,78224,88205	4,75142	10,21775,11795	50	
	20	9,71442,19290	3,47567	9,93212,55943	1,27550	9,78229,63347	4,75117	10,21770,36653	40	
	30	9,71445,66857	3,47529	9,93211,28393	1,27564	9,78234,38464	4,75093	10,21765,61536	30	
	40	9,71449,14386	3,47491	9,93210,00829	1,27577	9,78239,13557	4,75068	10,21760,86443	20	
	50	9,71452,61877	3,47454	9,93208,73252	1,27591	9,78243,88625	4,75045	10,21756,11375	10	
13	0	9,71456,09331	3,47417	9,93207,45661	1,27606	9,78248,63670	4,75023	10,21751,36330	0	47
	10	9,71459,56748	3,47378	9,93206,18055	1,27620	9,78253,38693	4,74998	10,21746,61307	50	
	20	9,71463,04126	3,47338	9,93204,90435	1,27633	9,78258,13691	4,74971	10,21741,86309	40	
	30	9,71466,51464	3,47300	9,93203,62802	1,27647	9,78262,88662	4,74947	10,21737,11338	30	
	40	9,71469,98764	3,47263	9,93202,35155	1,27661	9,78267,63609	4,74924	10,21732,36391	20	
	50	9,71473,46027	3,47226	9,93201,07494	1,27675	9,78272,38533	4,74901	10,21727,61467	10	
14	0	9,71476,93253	3,47189	9,93199,79819	1,27690	9,78277,13434	4,74879	10,21722,86566	0	46
	10	9,71480,40442	3,47149	9,93198,52129	1,27703	9,78281,88313	4,74852	10,21718,11687	50	
	20	9,71483,87591	3,47110	9,93197,24426	1,27717	9,78286,63165	4,74827	10,21713,36835	40	
	30	9,71487,34701	3,47073	9,93195,96709	1,27731	9,78291,37992	4,74804	10,21708,62008	30	
	40	9,71490,81774	3,47036	9,93194,68978	1,27745	9,78296,12796	4,74781	10,21703,87204	20	
	50	9,71494,28810	3,46998	9,93193,41233	1,27759	9,78300,87577	4,74757	10,21699,12423	10	
15	0	9,71497,75808	3,46959	9,93192,13474	1,27772	9,78305,62334	4,74731	10,21694,37666	0	45
	10	9,71501,22767	3,46922	9,93190,85702	1,27787	9,78310,37065	4,74709	10,21689,62935	50	
	20	9,71504,69689	3,46884	9,93189,57915	1,27801	9,78315,11774	4,74685	10,21684,88226	40	
	30	9,71508,16573	3,46846	9,93188,30114	1,27815	9,78319,86459	4,74661	10,21680,13541	30	
	40	9,71511,63419	3,46808	9,93187,02299	1,27829	9,78324,61120	4,74637	10,21675,38880	20	
	50	9,71515,10227	3,46771	9,93185,74470	1,27843	9,78329,35757	4,74614	10,21670,64243	10	
16	0	9,71518,56998	3,46734	9,93184,46627	1,27857	9,78334,10371	4,74591	10,21665,89629	0	44
	10	9,71522,03732	3,46694	9,93183,18770	1,27871	9,78338,84962	4,74565	10,21661,15038	50	
	20	9,71525,50426	3,46656	9,93181,90899	1,27885	9,78343,59527	4,74541	10,21656,40473	40	
	30	9,71528,97082	3,46618	9,93180,63014	1,27899	9,78348,34068	4,74517	10,21651,65932	30	
	40	9,71532,43700	3,46582	9,93179,35115	1,27913	9,78353,08585	4,74495	10,21646,91415	20	
	50	9,71535,90282	3,46543	9,93178,07202	1,27926	9,78357,83080	4,74469	10,21642,16920	10	
17	0	9,71539,36825	3,46505	9,93176,79276	1,27940	9,78362,57549	4,74445	10,21637,42451	0	43
	10	9,71542,83330	3,46468	9,93175,51336	1,27955	9,78367,31994	4,74423	10,21632,68006	50	
	20	9,71546,29798	3,46429	9,93174,23381	1,27969	9,78372,06417	4,74398	10,21627,93583	40	
	30	9,71549,76227	3,46392	9,93172,95412	1,27983	9,78376,80815	4,74375	10,21623,19185	30	
	40	9,71553,22619	3,46354	9,93171,67429	1,27997	9,78381,55190	4,74351	10,21618,44810	20	
	50	9,71556,68973	3,46315	9,93170,39432	1,28010	9,78386,29541	4,74325	10,21613,70459	10	
18	0	9,71560,15288	3,46277	9,93169,11422	1,28024	9,78391,03866	4,74301	10,21608,96134	0	42
	10	9,71563,61565	3,46239	9,93167,83398	1,28038	9,78395,78167	4,74277	10,21604,21833	50	
	20	9,71567,07804	3,46203	9,93166,55360	1,28052	9,78400,52444	4,74255	10,21599,47556	40	
	30	9,71570,54007	3,46166	9,93165,27308	1,28067	9,78405,26699	4,74233	10,21594,73301	30	
	40	9,71574,00173	3,46128	9,93163,99241	1,28081	9,78410,00932	4,74209	10,21589,99068	20	
	50	9,71577,46301	3,46088	9,93162,71160	1,28095	9,78414,75141	4,74183	10,21585,24859	10	
19	0	9,71580,92389	3,46052	9,93161,43065	1,28109	9,78419,49324	4,74161	10,21580,50676	0	41
	10	9,71584,38441	3,46014	9,93160,14956	1,28123	9,78424,23485	4,74137	10,21575,76515	50	
	20	9,71587,84455	3,45976	9,93158,86833	1,28136	9,78428,97622	4,74112	10,21571,02378	40	
	30	9,71591,30431	3,45937	9,93157,58697	1,28150	9,78433,71734	4,74087	10,21566,28266	30	
	40	9,71594,76368	3,45900	9,93156,30547	1,28164	9,78438,45821	4,74064	10,21561,54179	20	
	50	9,71598,22268	3,45863	9,93155,02383	1,28178	9,78443,19885	4,74041	10,21556,80115	10	
20	0	9,71601,68131	3,45825	9,93153,74205	1,28192	9,78447,93926	4,74017	10,21552,06074	0	40
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
40	0	9,72013,99296	3,41338	9,92998,90979	1,29877	9,79015,08317	4,71215	10,20984,91683	0	20
	10	9,72017,40634	3,41300	9,92997,61102	1,29891	9,79019,79532	4,71191	10,20980,20468	50	
	20	9,72020,81934	3,41265	9,92996,31211	1,29906	9,79024,50723	4,71171	10,20975,49277	40	
	30	9,72024,23199	3,41227	9,92995,01305	1,29920	9,79029,21894	4,71147	10,20970,78106	30	
	40	9,72027,64426	3,41190	9,92993,71385	1,29934	9,79033,93041	4,71124	10,20966,06959	20	
	50	9,72031,05616	3,41153	9,92992,41451	1,29948	9,79038,64165	4,71101	10,20961,35835	10	
41	0	9,72034,46769	3,41117	9,92991,11503	1,29963	9,79043,35266	4,71080	10,20956,64734	0	19
	10	9,72037,87886	3,41079	9,92989,81540	1,29976	9,79048,06346	4,71055	10,20951,93654	50	
	20	9,72041,28965	3,41042	9,92988,51564	1,29990	9,79052,77401	4,71032	10,20947,22599	40	
	30	9,72044,70007	3,41005	9,92987,21574	1,30004	9,79057,48433	4,71009	10,20942,51567	30	
	40	9,72048,11012	3,40967	9,92985,91570	1,30018	9,79062,19442	4,70985	10,20937,80558	20	
	50	9,72051,51979	3,40931	9,92984,61552	1,30032	9,79066,90427	4,70963	10,20933,09573	10	
42	0	9,72054,92910	3,40893	9,92983,31520	1,30046	9,79071,61390	4,70939	10,20928,38610	0	18
	10	9,72058,33803	3,40858	9,92982,01474	1,30061	9,79076,32329	4,70919	10,20923,67671	50	
	20	9,72061,74661	3,40820	9,92980,71413	1,30075	9,79081,03248	4,70895	10,20918,96752	40	
	30	9,72065,15481	3,40783	9,92979,41338	1,30089	9,79085,74143	4,70872	10,20914,25857	30	
	40	9,72068,56264	3,40746	9,92978,11249	1,30103	9,79090,45015	4,70849	10,20909,54985	20	
	50	9,72071,97010	3,40710	9,92976,81146	1,30117	9,79095,15864	4,70827	10,20904,84136	10	
43	0	9,72075,37720	3,40672	9,92975,51029	1,30131	9,79099,86691	4,70803	10,20900,13309	0	17
	10	9,72078,78392	3,40635	9,92974,20898	1,30145	9,79104,57494	4,70780	10,20895,42506	50	
	20	9,72082,19027	3,40599	9,92972,90753	1,30159	9,79109,28274	4,70758	10,20890,71726	40	
	30	9,72085,59626	3,40563	9,92971,60594	1,30174	9,79113,99032	4,70737	10,20886,00968	30	
	40	9,72089,00189	3,40525	9,92970,30420	1,30188	9,79118,69769	4,70713	10,20881,30231	20	
	50	9,72092,40714	3,40488	9,92969,00232	1,30202	9,79123,40482	4,70690	10,20876,59518	10	
44	0	9,72095,81202	3,40451	9,92967,70030	1,30216	9,79128,11172	4,70667	10,20871,88828	0	16
	10	9,72099,21053	3,40414	9,92966,39814	1,30230	9,79132,81839	4,70644	10,20867,18161	50	
	20	9,72102,62067	3,40377	9,92965,09584	1,30244	9,79137,52483	4,70621	10,20862,47517	40	
	30	9,72106,02444	3,40340	9,92963,79340	1,30258	9,79142,23104	4,70598	10,20857,76896	30	
	40	9,72109,42784	3,40303	9,92962,49082	1,30272	9,79146,93702	4,70575	10,20853,06298	20	
	50	9,72112,83087	3,40266	9,92961,18810	1,30286	9,79151,64277	4,70552	10,20848,35723	10	
45	0	9,72116,23353	3,40229	9,92959,88524	1,30300	9,79156,34829	4,70529	10,20843,65171	0	15
	10	9,72119,63582	3,40194	9,92958,58224	1,30315	9,79161,05358	4,70509	10,20838,94642	50	
	20	9,72123,03776	3,40156	9,92957,27909	1,30329	9,79165,75867	4,70485	10,20834,24133	40	
	30	9,72126,43932	3,40119	9,92955,97580	1,30343	9,79170,46352	4,70462	10,20829,53648	30	
	40	9,72129,84051	3,40082	9,92954,67237	1,30357	9,79175,16814	4,70439	10,20824,83186	20	
	50	9,72133,24133	3,40045	9,92953,36880	1,30371	9,79179,87253	4,70416	10,20820,12747	10	
46	0	9,72136,64178	3,40008	9,92952,06509	1,30385	9,79184,57669	4,70393	10,20815,42331	0	14
	10	9,72140,04186	3,39972	9,92950,76124	1,30399	9,79189,28062	4,70371	10,20810,71938	50	
	20	9,72143,44158	3,39934	9,92949,45725	1,30413	9,79193,98433	4,70347	10,20806,01567	40	
	30	9,72146,84092	3,39899	9,92948,15312	1,30428	9,79198,68780	4,70327	10,20801,31220	30	
	40	9,72150,23991	3,39861	9,92946,84884	1,30442	9,79203,39107	4,70303	10,20796,60893	20	
	50	9,72153,63852	3,39825	9,92945,54442	1,30456	9,79208,09410	4,70281	10,20791,90590	10	
47	0	9,72157,03677	3,39788	9,92944,23986	1,30470	9,79212,79691	4,70258	10,20787,20309	0	13
	10	9,72160,43465	3,39751	9,92942,93516	1,30484	9,79217,49949	4,70235	10,20782,50051	50	
	20	9,72163,83216	3,39714	9,92941,63032	1,30498	9,79222,20184	4,70212	10,20777,79816	40	
	30	9,72167,22930	3,39677	9,92940,32534	1,30512	9,79226,90396	4,70189	10,20773,09604	30	
	40	9,72170,62607	3,39641	9,92939,02022	1,30527	9,79231,60585	4,70168	10,20768,39415	20	
	50	9,72174,02248	3,39604	9,92937,71495	1,30541	9,79236,30753	4,70145	10,20763,69247	10	
48	0	9,72177,41852	3,39568	9,92936,40954	1,30556	9,79241,00898	4,70124	10,20758,99102	0	12
	10	9,72180,81420	3,39531	9,92935,10398	1,30569	9,79245,71022	4,70100	10,20754,28978	50	
	20	9,72184,20951	3,39494	9,92933,79829	1,30583	9,79250,41122	4,70077	10,20749,58878	40	
	30	9,72187,60445	3,39457	9,92932,49246	1,30597	9,79255,11199	4,70054	10,20744,88801	30	
	40	9,72190,99902	3,39420	9,92931,18649	1,30611	9,79259,81253	4,70031	10,20740,18747	20	
	50	9,72194,39322	3,39382	9,92929,88038	1,30625	9,79264,51284	4,70007	10,20735,48716	10	
49	0	9,72197,78704	3,39346	9,92928,57413	1,30639	9,79269,21291	4,69985	10,20730,78709	0	11
	10	9,72201,18050	3,39310	9,92927,26774	1,30654	9,79273,91276	4,69964	10,20726,08724	50	
	20	9,72204,57360	3,39273	9,92925,96120	1,30668	9,79278,61240	4,69941	10,20721,38760	40	
	30	9,72207,96633	3,39237	9,92924,65452	1,30682	9,79283,31181	4,69919	10,20716,68819	30	
	40	9,72211,35870	3,39199	9,92923,34770	1,30696	9,79288,01100	4,69895	10,20711,98900	20	
	50	9,72214,75069	3,39163	9,92922,04074	1,30710	9,79292,70995	4,69873	10,20707,29005	10	
50	0	9,72218,14232	3,39126	9,92920,73364	1,30724	9,79297,40868	4,69850	10,20702,59132	0	10
M		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,72218,14232	3,39126	9,92920,73364	1,30724	9,79297,40868	4,69850	10,20702,59132	0	10
	10	9,72221,53358	3,39090	9,92919,42640	1,30739	9,79302,10718	4,69829	10,20697,89282	50	
	20	9,72224,92448	3,39053	9,92918,11901	1,30753	9,79306,80547	4,69806	10,20693,19453	40	
	30	9,72228,31501	3,39016	9,92916,81148	1,30767	9,79311,50353	4,69783	10,20688,49647	30	
	40	9,72231,70517	3,38980	9,92915,50381	1,30781	9,79316,20136	4,69761	10,20683,79864	20	
	50	9,72235,09497	3,38943	9,92914,19600	1,30795	9,79320,89897	4,69738	10,20679,10103	10	
51	0	9,72238,48440	3,38906	9,92912,88805	1,30809	9,79325,59635	4,69715	10,20674,40365	0	9
	10	9,72241,87346	3,38871	9,92911,57996	1,30824	9,79330,29350	4,69695	10,20669,70650	50	
	20	9,72245,26217	3,38833	9,92910,27172	1,30838	9,79334,99045	4,69672	10,20665,00955	40	
	30	9,72248,65050	3,38797	9,92908,96334	1,30852	9,79339,68716	4,69649	10,20660,31284	30	
	40	9,72252,03847	3,38760	9,92907,65482	1,30866	9,79344,38365	4,69626	10,20655,61635	20	
	50	9,72255,42607	3,38723	9,92906,34616	1,30880	9,79349,07991	4,69603	10,20650,92009	10	
52	0	9,72258,81330	3,38686	9,92905,03736	1,30894	9,79353,77594	4,69580	10,20646,22406	0	8
	10	9,72262,20016	3,38650	9,92903,72842	1,30908	9,79358,47174	4,69558	10,20641,52826	50	
	20	9,72265,58666	3,38613	9,92902,41934	1,30922	9,79363,16732	4,69535	10,20636,83268	40	
	30	9,72268,97279	3,38577	9,92901,11012	1,30937	9,79367,86267	4,69514	10,20632,13733	30	
	40	9,72272,35856	3,38540	9,92899,80075	1,30951	9,79372,55781	4,69491	10,20627,44219	20	
	50	9,72275,74396	3,38504	9,92898,49124	1,30965	9,79377,25272	4,69469	10,20622,74728	10	
53	0	9,72279,12900	3,38467	9,92897,18159	1,30979	9,79381,94741	4,69446	10,20618,05259	0	7
	10	9,72282,51367	3,38430	9,92895,87180	1,30993	9,79386,64187	4,69423	10,20613,35813	50	
	20	9,72285,89797	3,38393	9,92894,56187	1,31007	9,79391,33610	4,69400	10,20608,66390	40	
	30	9,72289,28190	3,38352	9,92893,25180	1,31022	9,79396,03010	4,69379	10,20603,96990	30	
	40	9,72292,66547	3,38321	9,92891,94158	1,31036	9,79400,72389	4,69357	10,20599,27611	20	
	50	9,72296,04868	3,38284	9,92890,63122	1,31050	9,79405,41746	4,69334	10,20594,58254	10	
54	0	9,72299,43152	3,38247	9,92889,32072	1,31064	9,79410,11080	4,69311	10,20589,88920	0	6
	10	9,72302,81399	3,38211	9,92888,01008	1,31078	9,79414,80391	4,69289	10,20585,19609	50	
	20	9,72306,19610	3,38175	9,92886,69930	1,31093	9,79419,49680	4,69268	10,20580,50320	40	
	30	9,72309,57785	3,38138	9,92885,38837	1,31107	9,79424,18948	4,69245	10,20575,81052	30	
	40	9,72312,95923	3,38102	9,92884,07730	1,31121	9,79428,88193	4,69223	10,20571,11807	20	
	50	9,72316,34025	3,38065	9,92882,76609	1,31135	9,79433,57416	4,69200	10,20566,42584	10	
55	0	9,72319,72090	3,38028	9,92881,45474	1,31149	9,79438,26616	4,69177	10,20561,73384	0	5
	10	9,72323,10118	3,37992	9,92880,14325	1,31163	9,79442,95793	4,69155	10,20557,04207	50	
	20	9,72326,48110	3,37955	9,92878,83162	1,31177	9,79447,64948	4,69132	10,20552,35052	40	
	30	9,72329,86065	3,37919	9,92877,51985	1,31192	9,79452,34080	4,69111	10,20547,65920	30	
	40	9,72333,23984	3,37883	9,92876,20793	1,31206	9,79457,03191	4,69089	10,20542,96809	20	
	50	9,72336,61867	3,37846	9,92874,89587	1,31220	9,79461,72280	4,69066	10,20538,27720	10	
56	0	9,72339,99713	3,37809	9,92873,58367	1,31234	9,79466,41346	4,69043	10,20533,58654	0	4
	10	9,72343,37522	3,37773	9,92872,27133	1,31248	9,79471,10389	4,69021	10,20528,89611	50	
	20	9,72346,75295	3,37735	9,92870,95885	1,31262	9,79475,79410	4,68997	10,20524,20590	40	
	30	9,72350,13030	3,37700	9,92869,64623	1,31277	9,79480,48407	4,68977	10,20519,51593	30	
	40	9,72353,50730	3,37663	9,92868,33346	1,31291	9,79485,17384	4,68954	10,20514,82616	20	
	50	9,72356,88393	3,37627	9,92867,02055	1,31305	9,79489,86338	4,68932	10,20510,13662	10	
57	0	9,72360,26020	3,37590	9,92865,70750	1,31319	9,79494,55270	4,68909	10,20505,44730	0	3
	10	9,72363,63610	3,37554	9,92864,39431	1,31333	9,79499,24179	4,68887	10,20500,75821	50	
	20	9,72367,01164	3,37518	9,92863,08098	1,31348	9,79503,93066	4,68866	10,20496,06934	40	
	30	9,72370,38682	3,37481	9,92861,76750	1,31362	9,79508,61932	4,68843	10,20491,38068	30	
	40	9,72373,76163	3,37445	9,92860,45388	1,31376	9,79513,30775	4,68821	10,20486,69225	20	
	50	9,72377,13608	3,37409	9,92859,14012	1,31390	9,79517,99596	4,68799	10,20482,00404	10	
58	0	9,72380,51017	3,37372	9,92857,82622	1,31404	9,79522,68395	4,68776	10,20477,31605	0	2
	10	9,72383,88389	3,37335	9,92856,51218	1,31418	9,79527,37171	4,68753	10,20472,62829	50	
	20	9,72387,25724	3,37299	9,92855,19800	1,31433	9,79532,05924	4,68732	10,20467,94076	40	
	30	9,72390,63023	3,37263	9,92853,88367	1,31447	9,79536,74656	4,68710	10,20463,25344	30	
	40	9,72394,00286	3,37226	9,92852,56920	1,31461	9,79541,43366	4,68687	10,20458,56634	20	
	50	9,72397,37512	3,37190	9,92851,25459	1,31475	9,79546,12053	4,68665	10,20453,87947	10	
59	0	9,72400,74702	3,37153	9,92849,93984	1,31489	9,79550,80718	4,68642	10,20449,19282	0	1
	10	9,72404,11855	3,37117	9,92848,62495	1,31503	9,79555,49360	4,68620	10,20444,50640	50	
	20	9,72407,48972	3,37081	9,92847,30992	1,31518	9,79560,17980	4,68599	10,20439,82020	40	
	30	9,72410,86053	3,37045	9,92845,99474	1,31532	9,79564,86579	4,68577	10,20435,13421	30	
	40	9,72414,23098	3,37007	9,92844,67942	1,31546	9,79569,55156	4,68553	10,20430,44844	20	
	50	9,72417,60105	3,36972	9,92843,36396	1,31561	9,79574,23709	4,68533	10,20425,76291	10	
60	0	9,72420,97077	3,36936	9,92842,04835	1,31575	9,79578,92242	4,68511	10,20421,07758	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
0	0	9,72420,97077	3,36936	9,92842,04835	1,31575	9,79578,92242	4,68511	10,20421,07758	0	60
	10	9,72424,34013	3,36899	9,92840,73260	1,31589	9,79583,60753	4,68488	10,20416,39247	50	
	20	9,72427,70912	3,36863	9,92839,41671	1,31603	9,79588,29241	4,68466	10,20411,70759	40	
	30	9,72431,07775	3,36826	9,92838,10068	1,31617	9,79592,97707	4,68443	10,20407,02293	30	
	40	9,72434,44601	3,36790	9,92836,78451	1,31631	9,79597,66150	4,68421	10,20402,33850	20	
	50	9,72437,81391	3,36753	9,92835,46820	1,31645	9,79602,34571	4,68398	10,20397,65429	10	
1	0	9,72441,18144	3,36717	9,92834,15175	1,31659	9,79607,02969	4,68376	10,20392,97031	0	59
	10	9,72444,54861	3,36681	9,92832,83516	1,31674	9,79611,71345	4,68355	10,20388,28655	50	
	20	9,72447,91542	3,36644	9,92831,51842	1,31688	9,79616,39700	4,68332	10,20383,60300	40	
	30	9,72451,28186	3,36608	9,92830,20154	1,31702	9,79621,08032	4,68310	10,20378,91968	30	
	40	9,72454,64794	3,36573	9,92828,88452	1,31717	9,79625,76342	4,68290	10,20374,23658	20	
	50	9,72458,01367	3,36536	9,92827,56735	1,31731	9,79630,44632	4,68267	10,20369,55368	10	
2	0	9,72461,37903	3,36500	9,92826,25004	1,31745	9,79635,12899	4,68245	10,20364,87101	0	58
	10	9,72464,74403	3,36463	9,92824,93259	1,31759	9,79639,81144	4,68222	10,20360,18856	50	
	20	9,72468,10866	3,36426	9,92823,61500	1,31773	9,79644,49366	4,68199	10,20355,50634	40	
	30	9,72471,47292	3,36391	9,92822,29727	1,31788	9,79649,17565	4,68179	10,20350,82435	30	
	40	9,72474,83683	3,36355	9,92820,97939	1,31802	9,79653,85744	4,68157	10,20346,14256	20	
	50	9,72478,20038	3,36318	9,92819,66137	1,31816	9,79658,53901	4,68134	10,20341,46099	10	
3	0	9,72481,56356	3,36282	9,92818,34321	1,31830	9,79663,22035	4,68112	10,20336,77965	0	57
	10	9,72484,92638	3,36245	9,92817,02491	1,31844	9,79667,90147	4,68089	10,20332,09853	50	
	20	9,72488,28883	3,36210	9,92815,70647	1,31859	9,79672,58236	4,68069	10,20327,41764	40	
	30	9,72491,65093	3,36174	9,92814,38788	1,31873	9,79677,26305	4,68047	10,20322,73695	30	
	40	9,72495,01267	3,36137	9,92813,06915	1,31887	9,79681,94352	4,68024	10,20318,05648	20	
	50	9,72498,37404	3,36101	9,92811,75028	1,31901	9,79686,62376	4,68002	10,20313,37624	10	
4	0	9,72501,73505	3,36064	9,92810,43127	1,31915	9,79691,30378	4,67979	10,20308,69622	0	56
	10	9,72505,09569	3,36028	9,92809,11212	1,31929	9,79695,98357	4,67957	10,20304,01643	50	
	20	9,72508,45597	3,35992	9,92807,79283	1,31944	9,79700,66314	4,67936	10,20299,33686	40	
	30	9,72511,81589	3,35956	9,92806,47339	1,31958	9,79705,34250	4,67914	10,20294,65750	30	
	40	9,72515,17545	3,35920	9,92805,15381	1,31973	9,79710,02164	4,67893	10,20289,97836	20	
	50	9,72518,53465	3,35884	9,92803,83408	1,31987	9,79714,70057	4,67871	10,20285,29943	10	
5	0	9,72521,89349	3,35848	9,92802,51421	1,32001	9,79719,37928	4,67849	10,20280,62072	0	55
	10	9,72525,25197	3,35811	9,92801,19420	1,32015	9,79724,05777	4,67826	10,20275,94223	50	
	20	9,72528,61008	3,35775	9,92799,87405	1,32029	9,79728,73603	4,67804	10,20271,26397	40	
	30	9,72531,96783	3,35738	9,92798,55376	1,32043	9,79733,41407	4,67781	10,20266,58593	30	
	40	9,72535,32521	3,35703	9,92797,23333	1,32058	9,79738,09188	4,67761	10,20261,90812	20	
	50	9,72538,68224	3,35667	9,92795,91275	1,32072	9,79742,76949	4,67739	10,20257,23051	10	
6	0	9,72542,03891	3,35630	9,92794,59203	1,32086	9,79747,44688	4,67716	10,20252,55312	0	54
	10	9,72545,39521	3,35594	9,92793,27117	1,32100	9,79752,12404	4,67694	10,20247,87596	50	
	20	9,72548,75115	3,35559	9,92791,95017	1,32115	9,79756,80098	4,67674	10,20243,19902	40	
	30	9,72552,10674	3,35522	9,92790,62902	1,32129	9,79761,47772	4,67651	10,20283,52228	30	
	40	9,72555,46196	3,35486	9,92789,30773	1,32143	9,79766,15423	4,67629	10,20233,84577	20	
	50	9,72558,81682	3,35450	9,92787,98630	1,32157	9,79770,38052	4,67607	10,20229,16948	10	
7	0	9,72562,17132	3,35414	9,92786,66473	1,32171	9,79775,50659	4,67585	10,20224,49341	0	53
	10	9,72565,52546	3,35377	9,92785,34302	1,32185	9,79780,18244	4,67562	10,20219,81756	50	
	20	9,72568,87923	3,35341	9,92784,02117	1,32200	9,79784,85806	4,67541	10,20215,14194	40	
	30	9,72572,23264	3,35305	9,92782,69917	1,32214	9,79789,53347	4,67519	10,20210,46653	30	
	40	9,72575,58569	3,35269	9,92781,37703	1,32229	9,79794,20866	4,67498	10,20205,79134	20	
	50	9,72578,93838	3,35234	9,92780,05474	1,32243	9,79798,88364	4,67477	10,20201,11636	10	
8	0	9,72582,29072	3,35197	9,92778,73231	1,32257	9,79803,55841	4,67454	10,20196,44159	0	52
	10	9,72585,64269	3,35161	9,92777,40974	1,32271	9,79808,23295	4,67432	10,20191,76705	50	
	20	9,72588,99430	3,35125	9,92776,08703	1,32285	9,79812,90727	4,67410	10,20187,09273	40	
	30	9,72592,34555	3,35089	9,92774,76418	1,32300	9,79817,58137	4,67389	10,20182,41863	30	
	40	9,72595,69644	3,35053	9,92773,44118	1,32314	9,79822,25526	4,67367	10,20177,74474	20	
	50	9,72599,04697	3,35017	9,92772,11804	1,32328	9,79826,92893	4,67345	10,20173,07107	10	
9	0	9,72602,39714	3,34981	9,92770,79476	1,32342	9,79831,60238	4,67323	10,20168,39762	0	51
	10	9,72605,74695	3,34944	9,92769,47134	1,32356	9,79836,27561	4,67300	10,20163,72439	50	
	20	9,72609,09639	3,34908	9,92768,14778	1,32370	9,79840,94861	4,67278	10,20159,05139	40	
	30	9,72612,44547	3,34873	9,92766,82408	1,32385	9,79845,62139	4,67258	10,20154,37861	30	
	40	9,72615,79420	3,34837	9,92765,50023	1,32400	9,79850,29397	4,67237	10,20149,70603	20	
	50	9,72619,14257	3,34801	9,92764,17623	1,32414	9,79854,96634	4,67215	10,20145,03366	10	
10	0	9,72622,49058	3,34765	9,92762,85209	1,32428	9,79859,63849	4,67193	10,20140,36151	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,72622,49058	3,34765	9,92762,85209	1,32428	9,79859,63849	4,67193	10,20140,36151	0	50
	10	9,72625,83823	3,34729	9,92761,52781	1,32442	9,79864,31042	4,67171	10,20135,68958	50	
	20	9,72629,18552	3,34692	9,92760,20339	1,32456	9,79868,98213	4,67148	10,20131,01787	40	
	30	9,72632,53244	3,34656	9,92758,87883	1,32470	9,79873,65361	4,67126	10,20126,34639	30	
	40	9,72635,87900	3,34621	9,92757,55413	1,32485	9,79878,32487	4,67106	10,20121,67513	20	
	50	9,72639,22521	3,34584	9,92756,22928	1,32499	9,79882,99593	4,67083	10,20117,00407	10	
11	0	9,72642,57105	3,34548	9,92754,90429	1,32513	9,79887,66676	4,67061	10,20112,33324	0	49
	10	9,72645,91653	3,34512	9,92753,57916	1,32527	9,79892,33737	4,67039	10,20107,66263	50	
	20	9,72649,26165	3,34476	9,92752,25389	1,32541	9,79897,00776	4,67017	10,20102,99224	40	
	30	9,72652,60641	3,34441	9,92750,92848	1,32556	9,79901,67793	4,66997	10,20098.32207	30	
	40	9,72655,95082	3,34405	9,92749,60292	1,32571	9,79906,34790	4,66976	10,20093,65210	20	
	50	9,72659,29487	3,34369	9,92748,27721	1,32585	9,79911,01766	4,66954	10,20088,98234	10	
12	0	9,72662,63856	3,34333	9,92746,95136	1,32599	9,79915,68720	4,66932	10,20084,31280	0	48
	10	9,72665,98189	3,34297	9,92745,62537	1,32613	9,79920,35652	4,66910	10,20079,64348	50	
	20	9,72669,32486	3,34261	9,92744,29924	1,32627	9,79925,02562	4,66888	10,20074,97438	40	
	30	9,72672,66747	3,34225	9,92742,97297	1,32641	9,79929,69450	4,66866	10,20070,30550	30	
	40	9,72676,00972	3,34189	9,92741,64656	1,32656	9,79934,36316	4,66845	10,20065,63684	20	
	50	9,72679,35161	3,34153	9,92740,32000	1,32670	9,79939,03161	4,66823	10,20060,96839	10	
13	0	9,72682,69314	3,34117	9,92738,99330	1,32684	9,79943,69984	4,66801	10,20056,30016	0	47
	10	9,72686,03431	3,34081	9,92737,66646	1,32698	9,79948,36785	4,66779	10,20051,63215	50	
	20	9,72689,37512	3,34045	9,92736,33948	1,32713	9,79953,03564	4,66758	10,20046,96436	40	
	30	9,72692,71557	3,34009	9,92735,01235	1,32727	9,79957,70322	4,66736	10,20042,29678	30	
	40	9,72696,05566	3,33974	9,92733,68508	1,32742	9,79962,37058	4,66716	10,20037,62942	20	
	50	9,72699,39540	3,33939	9,92732,35766	1,32756	9,79967,03774	4,66695	10,20032,96226	10	
14	0	9,72702,73479	3,33901	9,92731,03010	1,32769	9,79971,70469	4,66670	10,20028,29531	0	46
	10	9,72706,07380	3,33866	9,92729,70241	1,32784	9,79976,37139	4,66650	10,20023,62861	50	
	20	9,72709,41246	3,33829	9,92728,37457	1,32798	9,79981,03789	4,66627	10,20018,96211	40	
	30	9,72712,75075	3,33794	9,92727,04659	1,32813	9,79985,70416	4,66607	10,20014,29584	30	
	40	9,72716,08869	3,33758	9,92725,71846	1,32827	9,79990,37023	4,66585	10,20009,62977	20	
	50	9,72719,42627	3,33724	9,92724,39019	1,32842	9,79995,03608	4,66566	10,20004,96392	10	
15	0	9,72722,76351	3,33687	9,92723,06177	1,32856	9,79999,70174	4,66543	10,20000,29826	0	45
	10	9,72726,10038	3,33651	9,92721,73321	1,32870	9,80004,36717	4,66521	10,19995,63283	50	
	20	9,72729,43689	3,33616	9,92720,40451	1,32884	9,80009,03238	4,66500	10,19990,96762	40	
	30	9,72732,77305	3,33579	9,92719,07567	1,32898	9,80013,69738	4,66477	10,19986,30262	30	
	40	9,72736,10884	3,33543	9,92717,74669	1,32912	9,80018,36215	4,66455	10,19981,63785	20	
	50	9,72739,44427	3,33507	9,92716,41757	1,32927	9,80023,02670	4,66434	10,19976,97330	10	
16	0	9,72742,77934	3,33471	9,92715,08830	1,32941	9,80027,69104	4,66412	10,19972,30896	0	44
	10	9,72746,11405	3,33435	9,92713,75889	1,32955	9,80032,35516	4,66390	10,19967,64484	50	
	20	9,72749,44840	3,33401	9,92712,42934	1,32970	9,80037,01906	4,66371	10,19962,98094	40	
	30	9,72752,78241	3,33365	9,92711,09964	1,32984	9,80041,68277	4,66349	10,19958,31723	30	
	40	9,72756,11606	3,33328	9,92709,76980	1,32998	9,80046,34626	4,66326	10,19953,65374	20	
	50	9,72759,44934	3,33293	9,92708,43982	1,33013	9,80051,00952	4,66306	10,19948,99048	10	
17	0	9,72762,78227	3,33256	9,92707,10969	1,33026	9,80055,67258	4,66282	10,19944,32742	0	43
	10	9,72766,11483	3,33221	9,92705,77943	1,33041	9,80060,33540	4,66262	10,19939,66460	50	
	20	9,72769,44704	3,33185	9,92704,44902	1,33055	9,80064,99802	4,66240	10,19935,00198	40	
	30	9,72772,77889	3,33150	9,92703,11847	1,33070	9,80069,66042	4,66220	10,19930,33958	30	
	40	9,72776,11039	3,33114	9,92701,78777	1,33084	9,80074,32262	4,66198	10,19925,67738	20	
	50	9,72779,44153	3,33078	9,92700,45693	1,33099	9,80078,98460	4,66177	10,19921,01540	10	
18	0	9,72782,77231	3,33042	9,92699,12594	1,33113	9,80083,64637	4,66155	10,19916,35363	0	42
	10	9,72786,10273	3,33007	9,92697,79481	1,33127	9,80088,30792	4,66134	10,19911,69208	50	
	20	9,72789,43280	3,32971	9,92696,46354	1,33141	9,80092,96926	4,66112	10,19907,03074	40	
	30	9,72792,76251	3,32935	9,92695,13213	1,33155	9,80097,63038	4,66090	10,19902,36962	30	
	40	9,72796,09186	3,32900	9,92693,80058	1,33170	9,80102,29128	4,66070	10,19897,70872	20	
	50	9,72799,42086	3,32863	9,92692,46888	1,33184	9,80106,95198	4,66047	10,19893,04802	10	
19	0	9,72802,74949	3,32827	9,92691,13704	1,33198	9,80111,61245	4,66025	10,19888,38755	0	41
	10	9,72806,07776	3,32793	9,92689,80506	1,33213	9,80116,27270	4,66006	10,19883,72730	50	
	20	9,72809,40569	3,32757	9,92688,47293	1,33227	9,80120,93276	4,65984	10,19879,06724	40	
	30	9,72812,73326	3,32721	9,92687,14066	1,33241	9,80125,59260	4,65962	10,19874,40740	30	
	40	9,72816,06047	3,32685	9,92685,80825	1,33255	9,80130,25222	4,65940	10,19869,74778	20	
	50	9,72819,38732	3,32649	9,92684,47570	1,33270	9,80134,91162	4,65919	10,19865,08838	10	
20	0	9,72822,71381	3,32614	9,92683,14300	1,33284	9,80139,57081	4,65898	10,19860,42919	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,73219,31804	3,28370	9,92522,17873	1,35005	9,80697,13931	4,63375	10,19302,86069	0	20
	10	9,73222,60174	3,28335	9,92520,82868	1,35020	9,80701,77306	4,63355	10,19298,22694	50	
	20	9,73225,88509	3,28301	9,92519,47848	1,35035	9,80706,40661	4,63336	10,19293,59339	40	
	30	9,73229,16810	3,28266	9,92518,12813	1,35050	9,80711,03997	4,63316	10,19288,96003	30	
	40	9,73232,45076	3,28231	9,92516,77763	1,35064	9,80715,67313	4,63295	10,19284,32687	20	
	50	9,73235,73307	3,28196	9,92515,42699	1,35079	9,80720,30608	4,63275	10,19279,69392	10	
41	0	9,73239,01503	3,28161	9,92514,07620	1,35093	9,80724,93883	4,63254	10,19275,06117	0	19
	10	9,73242,29664	3,28125	9,92512,72527	1,35107	9,80729,57137	4,63232	10,19270,42863	50	
	20	9,73245,57789	3,28091	9,92511,37420	1,35121	9,80734,20369	4,63212	10,19265,79631	40	
	30	9,73248,85880	3,28056	9,92510,02299	1,35136	9,80738,83581	4,63192	10,19261,16419	30	
	40	9,73252,13936	3,28020	9,92508,67163	1,35150	9,80743,46773	4,63170	10,19256,53227	20	
	50	9,73255,41956	3,27986	9,92507,32013	1,35165	9,80748,09943	4,63151	10,19251,90057	10	
42	0	9,73258,69942	3,27951	9,92505,96848	1,35179	9,80752,73094	4,63130	10,19247,26906	0	18
	10	9,73261,97893	3,27916	9,92504,61669	1,35193	9,80757,36224	4,63109	10,19242,63776	50	
	20	9,73265,25809	3,27881	9,92503,26476	1,35208	9,80761,99333	4,63089	10,19238,00667	40	
	30	9,73268,53690	3,27846	9,92501,91268	1,35222	9,80766,62422	4,63068	10,19233,37578	30	
	40	9,73271,81536	3,27811	9,92500,56046	1,35237	9,80771,25490	4,63048	10,19228,74510	20	
	50	9,73275,09347	3,27776	9,92499,20809	1,35252	9,80775,88538	4,63028	10,19224,11462	10	
43	0	9,73278,37123	3,27742	9,92497,85557	1,35266	9,80780,51566	4,63008	10,19219,48434	0	17
	10	9,73281,64865	3,27706	9,92496,50291	1,35280	9,80785,14574	4,62986	10,19214,85426	50	
	20	9,73284,92571	3,27671	9,92495,15011	1,35294	9,80789,77560	4,62965	10,19210,22440	40	
	30	9,73288,20242	3,27637	9,92493,79717	1,35309	9,80794,40525	4,62946	10,19205,59475	30	
	40	9,73291,47879	3,27601	9,92492,44408	1,35323	9,80799,03471	4,62924	10,19200,96529	20	
	50	9,73294,75480	3,27566	9,92491,09085	1,35338	9,80803,66395	4,62904	10,19196,33605	10	
44	0	9,73298,03046	3,27532	9,92489,73747	1,35352	9,80808,29299	4,62884	10,19191,70701	0	16
	10	9,73301,30578	3,27497	9,92488,38395	1,35367	9,80812,92183	4,62864	10,19187,07817	50	
	20	9,73304,58075	3,27461	9,92487,03028	1,35381	9,80817,55047	4,62842	10,19182,44953	40	
	30	9,73307,85536	3,27427	9,92485,67647	1,35396	9,80822,17889	4,62823	10,19177,82111	30	
	40	9,73311,12963	3,27392	9,92484,32251	1,35410	9,80826,80712	4,62802	10,19173,19288	20	
	50	9,73314,40355	3,27357	9,92482,96841	1,35424	9,80831,43514	4,62781	10,19168,56486	10	
45	0	9,73317,67712	3,27323	9,92481,61417	1,35439	9,80836,06295	4,62762	10,19193,93705	0	15
	10	9,73320,95035	3,27287	9,92480,25978	1,35453	9,80840,69057	4,62740	10,19159,30943	50	
	20	9,73324,22322	3,27252	9,92478,90525	1,35468	9,80845,31797	4,62720	10,19154,68203	40	
	30	9,73327,49574	3,27218	9,92477,55057	1,35482	9,80849,94517	4,62700	10,19150,05483	30	
	40	9,73330,76792	3,27182	9,92476,19575	1,35496	9,80854,57217	4,62678	10,19145,42783	20	
	50	9,73334,03974	3,27148	9,92474,84079	1,35511	9,80859,19895	4,62659	10,19140,80105	10	
46	0	9,73337,31122	3,27113	9,92473,48568	1,35525	9,80863,82554	4,62638	10,19136,17446	0	14
	10	9,73340,58235	3,27078	9,92472,13043	1,35540	9,80868,45192	4,62618	10,19131,54808	50	
	20	9,73343,85313	3,27043	9,92470,77503	1,35554	9,80873,07810	4,62597	10,19126,92190	40	
	30	9,73347,12356	3,27009	9,92469,41949	1,35569	9,80877,70407	4,62578	10,19122,29593	30	
	40	9,73350,39365	3,26973	9,92468,06380	1,35583	9,80882,32985	4,62556	10,19117,67015	20	
	50	9,73353,66338	3,26939	9,92466,70797	1,35598	9,80886,95541	4,62537	10,19113,04459	10	
47	0	9,73356,93277	3,26904	9,92465,35199	1,35612	9,80891,58078	4,62516	10,19108,41922	0	13
	10	9,73360,20181	3,26869	9,92463,99587	1,35627	9,80896,20594	4,62496	10,19103,79406	50	
	20	9,73363,47050	3,26835	9,92462,63960	1,35641	9,80900,83090	4,62476	10,19099,16910	40	
	30	9,73366,73885	3,26799	9,92461,28319	1,35655	9,80905,45566	4,62454	10,19094,54434	30	
	40	9,73370,00684	3,26765	9,92459,92664	1,35670	9,80910,08020	4,62435	10,19089,91980	20	
	50	9,73373,27449	3,26730	9,92458,56994	1,35684	9,80914,70455	4,62414	10,19085,29545	10	
48	0	9,73376,54179	3,26696	9,92457,21310	1,35699	9,80919,32869	4,62395	10,19080,67131	0	12
	10	9,73379,80875	3,26660	9,92455,85611	1,35713	9,80923,95264	4,62373	10,19076,04736	50	
	20	9,73383,07535	3,26626	9,92454,49898	1,35728	9,80928,57637	4,62354	10,19071,42363	40	
	30	9,73386,34161	3,26591	9,92453,14170	1,35742	9,80933,19991	4,62333	10,19066,80009	30	
	40	9,73389,60752	3,26556	9,92451,78428	1,35756	9,80937,82324	4,62312	10,19062,17676	20	
	50	9,73392,87308	3,26521	9,92450,42672	1,35771	9,80942,44636	4,62292	10,19057,55364	10	
49	0	9,73396,13829	3,26487	9,92449,06901	1,35785	9,80947,06928	4,62272	10,19052,93072	0	11
	10	9,73399,40316	3,26452	9,92447,71116	1,35800	9,80951,69200	4,62252	10,19048,30800	50	
	20	9,73402,66768	3,26416	9,92446,35316	1,35814	9,80956,31452	4,62230	10,19043,68548	40	
	30	9,73405,93184	3,26383	9,92444,99502	1,35829	9,80960,93682	4,62212	10,19039,06318	30	
	40	9,73409,19567	3,26347	9,92443,63673	1,35843	9,80965,55894	4,62190	10,19034,44106	20	
	50	9,73412,45914	3,26314	9,92442,27830	1,35858	9,80970,18084	4,62172	10,19029,81916	10	
50	0	9,73415,72228	3,26278	9,92440,91972	1,35872	9,80974,80256	4,62150	10,19025,19744	0	10
		Sin. Compl.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
50	0	9,73415,72228	3,26278	9,92440,91972	1,35872	9,80974,80256	4,62150	10,19025,19744	0	10
	10	9,73418,98506	3,26244	9,92439,56100	1,35887	9,80979,42406	4,62131	10,19020,57594	50	
	20	9,73422,24750	3,26209	9,92438,20213	1,35901	9,80984,04537	4,62110	10,19015,95463	40	
	30	9,73425,50959	3,26174	9,92436,84312	1,35915	9,80988,66647	4,62089	10,19011,33353	30	
	40	9,73428,77133	3,26139	9,92435,48397	1,35930	9,80993,28736	4,62069	10,19006,71264	20	
	50	9,73432,03272	3,26104	9,92434,12467	1,35944	9,80997,90805	4,62048	10,19002,09195	10	
51	0	9,73435,29376	3,26070	9,92432,76523	1,35959	9,81002,52853	4,62029	10,18997,47147	0	9
	10	9,73438,55446	3,26035	9,92431,40564	1,35973	9,81007,14882	4,62008	10,18992,85118	50	
	20	9,73441,81481	3,26001	9,92430,04591	1,35988	9,81011,76890	4,61989	10,18988,23110	40	
	30	9,73445,07482	3,25966	9,92428,68603	1,36002	9,81016,38879	4,61968	10,18983,61121	30	
	40	9,73448,33448	3,25931	9,92427,32601	1,36017	9,81021,00847	4,61948	10,18978,99153	20	
	50	9,73451,59379	3,25896	9,92425,96584	1,36031	9,81025,62795	4,61927	10,18974,37205	10	
52	0	9,73454,85275	3,25862	9,92424,60553	1,36046	9,81030,24722	4,61908	10,18969,75278	0	8
	10	9,73458,11137	3,25827	9,92423,24507	1,36060	9,81034,86630	4,61887	10,18965,13370	50	
	20	9,73461,36964	3,25793	9,92421,88447	1,36075	9,81039,48517	4,61868	10,18960,51483	40	
	30	9,73464,62757	3,25758	9,92420,52372	1,36089	9,81044,10385	4,61847	10,18955,89615	30	
	40	9,73467,88515	3,25723	9,92419,16283	1,36103	9,81048,72232	4,61826	10,18951,27768	20	
	50	9,73471,14238	3,25689	9,92417,80180	1,36118	9,81053,34058	4,61807	10,18946,65942	10	
53	0	9,73474,39927	3,25654	9,92416,44062	1,36132	9,81057,95865	4,61786	10,18942,04135	0	7
	10	9,73477,65581	3,25619	9,92415,07930	1,36147	9,81062,57651	4,61766	10,18937,42349	50	
	20	9,73480,91200	3,25584	9,92413,71783	1,36161	9,81067,19417	4,61745	10,18932,80583	40	
	30	9,73484,16784	3,25550	9,92412,35622	1,36176	9,81071,81162	4,61726	10,18928,18838	30	
	40	9,73487,42334	3.25517	9,92410,99446	1,36191	9,81076,42888	4,61708	10,18923,57112	20	
	50	9,73490,67851	3,25481	9,92409,63255	1,36205	9,81081,04596	4,61686	10,18918,95404	10	
54	0	9,73493,93332	3,25446	9,92408,27050	1,36220	9,81085,66282	4,61666	10,18914,33718	0	6
	10	9,73497,18778	3,25413	9,92406,90830	1,36234	9,81090,27948	4,61647	10,18909,72052	50	
	20	9,73500,44191	3,25377	9,92405,54596	1,36248	9,81094,89595	4,61625	10,18905,10405	40	
	30	9,73503,69568	3,25343	9,92404,18348	1,36263	9,81099,51220	4,61606	10,18900,48780	30	
	40	9,73506,94911	3,25307	9,92402,82085	1,36277	9,81104,12826	4,61584	10,18895,87174	20	
	50	9,73510,20218	3,25273	9,92401,45808	1,36291	9,81108,74410	4,61564	10,18891,25590	10	
55	0	9,73513,45491	3,25239	9,92400,09517	1,36306	9,81113,35974	4,61545	10,18886,64026	0	5
	10	9,73516,70730	3,25205	9,92398,73211	1,36321	9,81117,97519	4,61526	10,18882,02481	50	
	20	9,73519,95935	3,25169	9,92397,36890	1,36335	9,81122,59045	4,61504	10,18877,40955	40	
	30	9,73523,21104	3,25136	9,92396,00555	1,36350	9,81127,20549	4,61486	10,18872,79451	30	
	40	9,73526,46240	3,25101	9,92394,64205	1,36364	9,81131,82035	4,61465	10,18868,17965	20	
	50	9,73529,71341	3,25065	9,92393,27841	1,36379	9,81136,43500	4,61444	10,18863,56500	10	
56	0	9,73532,96406	3,25031	9,92391,91462	1,36393	9,81141,04944	4,61424	10,18858,95056	0	4
	10	9,73536,21437	3,24998	9,92390,55069	1,36408	9,81145,66368	4,61406	10,18854,33632	50	
	20	9,73539,46435	3,24962	9,92389,18661	1,36422	9,81150,27774	4,61384	10,18849,72226	40	
	30	9,73542,71397	3,24929	9,92387,82239	1,36437	9,81154,89158	4,61366	10,18845,10842	30	
	40	9,73545,96326	3,24893	9,92386,45802	1,36451	9,81159,50524	4,61344	10,18840,49476	20	
	50	9,73549,21219	3,24859	9,92385,09351	1,36466	9,81164,11868	4,61325	10,18835,88132	10	
57	0	9,73552,46078	3,24824	9,92383,72885	1,36480	9,81168,73193	4,61304	10,18831,26807	0	3
	10	9,73555,70902	3,24791	9,92382,36405	1,36495	9,81173,34497	4,61286	10,18826,65503	50	
	20	9,73558,95693	3,24755	9,92380,99910	1,36509	9,81177,95783	4,61264	10,18822,04217	40	
	30	9,73562,20448	3,24722	9,92379,63401	1 36524	9,81182,57047	4,61246	10,18817,42953	30	
	40	9,73565,45170	3,24686	9,92378,26877	1,36538	9,81187,18293	4,61224	10,18812,81707	20	
	50	9,73568,69856	3,24652	9,92376,90339	1,36553	9,81191,79517	4,61205	10,18808,20483	10	
58	0	9,73571,94508	3,24617	9,92375,53786	1,36567	9,81196,40722	4,61184	10,18803,59278	0	2
	10	9,73575,19125	3,24584	9,92374,17219	1,36582	9,81201,01906	4,61166	10,18798,98094	50	
	20	9,73578,43709	3,24549	9,92372,80637	1,36596	9,81205,63072	4,61145	10,18794,36928	40	
	30	9,73581,68258	3,24514	9,92371,44041	1,36610	9,81210,24217	4,61124	10,18789,75783	30	
	40	9,73584,92772	3,24479	9,92370,07431	1,36625	9,81214,85341	4,61104	10,18785,14659	20	
	50	9,73588,17251	3,24446	9,92368,70806	1,36640	9,81219,46445	4,61086	10,18780,53555	10	
59	0	9,73591,41697	3,24411	9,92367,34166	1,36654	9,81224,07531	4,61065	10,18775,92469	0	1
	10	9,73594,66108	3,24376	9,92365,97512	1,36668	9,81228,68596	4,61044	10,18771,31404	50	
	20	9,73597,90484	3,24342	9,92364,60844	1,36683	9,81233,29640	4,61025	10,18766,70360	40	
	30	9,73601,14826	3,24307	9,92363,24161	1,36698	9,81237,90665	4,61005	10,18762,09335	30	
	40	9,73604,39133	3,24273	9,92361,87463	1,36713	9,81242,51670	4,60986	10,18757,48330	20	
	50	9,73607,63406	3,24239	9,92360,50750	1,36727	9,81247,12656	4,60966	10,18752,87344	10	
60	0	9,73610,87645	3,24205	9,92359,14023	1,36742	9,81251,73622	4,60947	10,18748,26378	0	0
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,73610,87645	3,24205	9,92359,14023	1,36742	9,81251,73622	4,60947	10,18748,26378	0	60
	10	9,73614,11850	3,24170	9,92357,77281	1,36756	9,81256,34569	4,60926	10,18743,65431	50	
	20	9,73617,36020	3,24135	9,92356,40525	1,36770	9,81260,95495	4,60905	10,18739,04505	40	
	30	9,73620,60155	3,24101	9,92355,03755	1,36785	9,81265,56400	4,60886	10,18734,43600	30	
	40	9,73623,84256	3,24067	9,92353,66970	1,36799	9,81270,17286	4,60866	10,18729,82714	20	
	50	9,73627,08323	3,24033	9,92352,30171	1,36814	9,81274,78152	4,60847	10,18725,21848	10	
1	0	9,73630,32356	3,23997	9,92350,93357	1,36828	9,81279,38999	4,60825	10,18720,61001	0	59
	10	9,73633,56353	3,23964	9,92349,56529	1,36843	9,81283,99824	4,60807	10,18716,00176	50	
	20	9,73636,80317	3,23929	9,92348,19686	1,36857	9,81288,60631	4,60786	10,18711,39369	40	
	30	9,73640,04246	3,23896	9,92346,82829	1,36872	9,81293,21417	4,60768	10,18706,78583	30	
	40	9,73643,28142	3,23861	9,92345,45957	1,36887	9,81297,82185	4,60748	10,18702,17815	20	
	50	9,73646,52003	3,23825	9,92344,09070	1,36901	9,81302,42933	4,60726	10,18697,57067	10	
2	0	9,73649,75828	3,23791	9,92342,72169	1,36915	9,81307,03659	4,60706	10,18692,96341	0	58
	10	9,73652,99619	3,23758	9,92341,35254	1,36930	9,81311,64365	4,60688	10,18688,35635	50	
	20	9,73656,23377	3,23723	9,92339,98324	1,36945	9,81316,25053	4,60668	10,18683,74947	40	
	30	9,73659,47100	3,23689	9,92338,61379	1,36959	9,81320,85721	4,60648	10,18679,14279	30	
	40	9,73662,70789	3,23654	9,92337,24420	1,36974	9,81325,46369	4,60628	10,18674,53631	20	
	50	9,73665,94443	3,23620	9,92335,87446	1,36988	9,81330,06997	4,60608	10,18669,93003	10	
3	0	9,73669,18063	3,23586	9,92334,50458	1,37003	9,81334,67605	4,60589	10,18665,32395	0	57
	10	9,73672,41649	3,23551	9,92333,13455	1,37017	9,81339,28194	4,60568	10,18660,71806	50	
	20	9,73675,65200	3,23517	9,92331,76438	1,37032	9,81343,88762	4,60549	10,18656,11238	40	
	30	9,73678,88717	3,23483	9,92330,39406	1,37046	9,81348,49311	4,60529	10,18651,50689	30	
	40	9,73682,12200	3,23449	9,92329,02360	1,37061	9,81353,09840	4,60510	10,18646,90160	20	
	50	9,73685,35649	3,23414	9,92327,65299	1,37075	9,81357,70350	4,60489	10,18642,29650	10	
4	0	9,73688,59063	3,23380	9,92326,28224	1,37090	9,81362,30839	4,60470	10,18637,69161	0	56
	10	9,73691,82443	3,23346	9,92324,91134	1,37104	9,81366,91309	4,60450	10,18633,08691	50	
	20	9,73695,05789	3,23311	9,92323,54030	1,37119	9,81371,51759	4,60430	10,18628,48241	40	
	30	9,73698,29100	3,23277	9,92322,16911	1,37133	9,81376,12189	4,60410	10,18623,87811	30	
	40	9,73701,52377	3,23243	9,92320,79778	1,37148	9,81380,72599	4,60391	10,18619,27401	20	
	50	9,73704,75620	3,23208	9,92319,42630	1,37162	9,81385,32990	4,60370	10,18614,67010	10	
5	0	9,73707,98828	3,23174	9,92318,05468	1,37177	9,81389,93360	4,60351	10,18610,06640	0	55
	10	9,73711,22002	3,23139	9,92316,68291	1,37191	9,81394,53711	4,60330	10,18605,46289	50	
	20	9,73714,45141	3,23106	9,92315,31100	1,37206	9,81399,14041	4,60312	10,18600,85959	40	
	30	9,73717,68247	3,23072	9,92313,93894	1,37221	9,81403,74353	4,60293	10,18596,25647	30	
	40	9,73720,91319	3,23037	9,92312,56673	1,37235	9,81408,34646	4,60272	10,18591,65354	20	
	50	9,73724,14356	3,23003	9,92311,19438	1,37250	9,81412,94918	4,60253	10,18587,05082	10	
6	0	9,73727,37359	3,22968	9,92309,82188	1,37264	9,81417,55171	4,60232	10,18582,44829	0	54
	10	9,73730,60327	3,22934	9,92308,44924	1,37278	9,81422,15403	4,60212	10,18577,84597	50	
	20	9,73733,83261	3,22900	9,92307,07646	1,37293	9,81426,75615	4,60193	10,18573,24385	40	
	30	9,73737,06161	3,22866	9,92305,70353	1,37308	9,81431,35808	4,60174	10,18568,64192	30	
	40	9,73740,29027	3,22833	9,92304,33045	1,37323	9,81435,95982	4,60156	10,18564,04018	20	
	50	9,73743,51860	3,22799	9,92302,95722	1,37338	9,81440,56138	4,60137	10,18559,43862	10	
7	0	9,73746,74659	3,22764	9,92301,58384	1,37352	9,81445,16275	4,60116	10,18554,83725	0	53
	10	9,73749,97423	3,22731	9,92300,21032	1,37367	9,81449,76391	4,60098	10,18550,23609	50	
	20	9,73753,20154	3,22695	9,92298,83665	1,37381	9,81454,36489	4,60076	10,18545,63511	40	
	30	9,73756,42849	3,22661	9,92297,46284	1,37395	9,81458,96565	4,60056	10,18541,03435	30	
	40	9,73759,65510	3,22627	9,92296,08889	1 37410	9,81463,56621	4,60037	10,18536,43379	20	
	50	9,73762,88137	3,22592	9,92294,71479	1,37424	9,81468,16658	4,60016	10,18531,83342	10	
8	0	9,73766,10720	3,22559	9,92293,34055	1,37439	9,81472,76674	4,59998	10,18527,23326	0	52
	10	9,73769,33288	3,22523	9,92291,96616	1,37453	9,81477,36672	4,59976	10,18522,63328	50	
	20	9,73772,55811	3,22490	9,92290,59163	1,37468	9,81481,96648	4,59958	10,18518,03352	40	
	30	9,73775,78301	3,22457	9,92289,21695	1,37483	9,81486,56606	4,59940	10,18513,43394	30	
	40	9,73779,00758	3,22422	9,92287,84212	1,37498	9,81491,16546	4,59920	10,18508,83454	20	
	50	9,73782,23180	3,22388	9,92286,46714	1,37512	9,81495,76466	4,59900	10,18504,23534	10	
9	0	9,73785,45568	3,22354	9,92285,09202	1,37526	9,81500,36366	4,59880	10,18499,63634	0	51
	10	9,73788,67922	3,22318	9,92283,71676	1,37540	9,81504,96246	4,59858	10,18495,03754	50	
	20	9,73791,90240	3,22285	9,92282,34136	1,37555	9,81509,56104	4,59840	10,18490,43896	40	
	30	9,73795,12525	3,22252	9,92280,96581	1,37570	9,81514,15944	4,59822	10,18485,84056	30	
	40	9,73798,34777	3,22217	9,92279,59011	1,37585	9,81518,75766	4,59802	10,18481,24234	20	
	50	9,73801,56994	3,22184	9,92278,21426	1,37600	9,81523,35568	4,59784	10,18476,64432	10	
10	0	9,73804,79178	3,22150	9,92276,83826	1,37614	9,81527,95352	4,59764	10,18472,04648	0	50
M		Sin. Compl.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	9,73804,79178	3,22150	9,92276,83826	1,37614	9,81527,95352	4,59764	10,18472,04648	0	50
	10	9,73808,01328	3,22115	9,92275,46212	1,37629	9,81532,55116	4,59744	10,18467,44884	50	
	20	9,73811,23443	3,22081	9,92274,08583	1,37643	9,81537,14860	4,59724	10,18462,85140	40	
	30	9,73814,45524	3,22046	9,92272,70940	1,37657	9,81541,74584	4,59703	10,18458,25416	30	
	40	9,73817,67570	3,22012	9,92271,33283	1,37672	9,81546,34287	4,59684	10,18453,65713	20	
	50	9,73820,89582	3,21978	9,92269,95611	1,37686	9,81550,93971	4,59664	10,18449,06029	10	
11	0	9,73824,11560	3,21945	9,92268,57925	1,37701	9,81555,53635	4,59646	10,18444,46365	0	49
	10	9,73827,33505	3,21910	9,92267,20224	1,37716	9,81560,13281	4,59626	10,18439,86719	50	
	20	9,73830,55415	3,21876	9,92265,82508	1,37730	9,81564,72907	4,59606	10,18435,27093	40	
	30	9,73833,77291	3,21843	9,92264,44778	1,37745	9,81569,32513	4,59588	10,18430,67487	30	
	40	9,73836,99134	3,21807	9,92263,07033	1,37759	9,81573,92101	4,59566	10,18426,07899	20	
	50	9,73840,20941	3,21774	9,92261,69274	1,37774	9,81578,51667	4,59548	10,18421,48333	10	
12	0	9,73843,42715	3,21741	9,92260,31500	1,37789	9,81583,11215	4,59530	10,18416,88785	0	48
	10	9,73846,64456	3,21705	9,92258,93711	1,37803	9,81587,70745	4,59508	10,18412,29255	50	
	20	9,73849,86161	3,21671	9,92257,55908	1,37817	9,81592,30253	4,59488	10,18407,69747	40	
	30	9,73853,07832	3,21638	9,92256,18091	1,37832	9,81596,89741	4,59470	10,18403,10259	30	
	40	9,73856,29470	3,21604	9,92254,80259	1,37847	9,81601,49211	4,59451	10,18398,50789	20	
	50	9,73859,51074	3,21570	9,92253,42412	1,37862	9,81606,08662	4,59432	10,18393,91338	10	
13	0	9,73862,72644	3,21536	9,92252,04550	1,37876	9,81610,68094	4,59412	10,18389,31906	0	47
	10	9,73865,94180	3,21503	9,92250,66674	1,37891	9,81615,27506	4,59394	10,18384,72494	50	
	20	9,73869,15683	3,21467	9,92249,28783	1,37905	9,81619,86900	4,59372	10,18380,13100	40	
	30	9,73872,37150	3,21434	9,92247,90878	1,37920	9,81624,46272	4,59354	10,18375,53728	30	
	40	9,73875,58584	3,21400	9,92246,52958	1,37934	9,81629,05626	4,59334	10,18370,94374	20	
	50	9,73878,79984	3,21365	9,92245,15024	1,37949	9,81633,64960	4,59314	10,18366,35040	10	
14	0	9,73882,01349	3,21332	9,92243,77075	1,37964	9,81638,24274	4,59296	10,18361,75726	0	46
	10	9,73885,22681	3,21298	9,92242,39111	1,37978	9,81642,83570	4,59276	10,18357,16430	50	
	20	9,73888,43979	3,21264	9,92241,01133	1,37993	9,81647,42846	4,59257	10,18352,57154	40	
	30	9,73891,65243	3,21229	9,92239,63140	1,38007	9,81652,02103	4,59236	10,18347,97897	30	
	40	9,73894,86472	3,21196	9,92238,25133	1,38022	9,81656,61339	4,59218	10,18343,38661	20	
	50	9,73898,07668	3,21163	9,92236,87111	1,38037	9,81661,20557	4,59200	10,18338,79443	10	
15	0	9,73901,28831	3,21128	9,92235,49074	1,38052	9,81665,79757	4,59180	10,18334,20243	0	45
	10	9,73904,49959	3,21094	9,92234,11022	1,38066	9,81670,38937	4,59160	10,18329,61063	50	
	20	9,73907,71053	3,21061	9,92232,72956	1,38080	9,81674,98097	4,59141	10,18325,01903	40	
	30	9,73910,92114	3,21027	9,92231,34876	1,38095	9,81679,57238	4,59122	10,18320,42762	30	
	40	9,73914,13141	3,20991	9,92229,96781	1,38109	9,81684,16360	4,59100	10,18315,83640	20	
	50	9,73917,34132	3,20958	9,92228,58672	1,38124	9,81688,75460	4,59082	10,18311,24540	10	
16	0	9,73920,55090	3,20925	9,92227,20548	1,38139	9,81693,34542	4,59064	10,18306,65458	0	44
	10	9,73923,76015	3,20890	9,92225,82409	1,38153	9,81697,93606	4,59043	10,18302,06394	50	
	20	9,73926,96905	3,20856	9,92224,44256	1,38168	9,81702,52649	4,59024	10,18297,47351	40	
	30	9,73930,17761	3,20823	9,92223,06088	1,38183	9,81707,11673	4,59006	10,18292,88327	30	
	40	9,73933,38584	3,20789	9,92221,67905	1,38197	9,81711,70679	4,58986	10,18288,29321	20	
	50	9,73936,59373	3,20755	9,92220,29708	1,38212	9,81716,29665	4,58967	10,18283,70335	10	
17	0	9,73939,80128	3,20720	9,92218,91496	1,38226	9,81720,88632	4,58946	10,18279,11368	0	43
	10	9,73943,00848	3,20687	9,92217,53270	1,38241	9,81725,47578	4,58928	10,18274,52422	50	
	20	9,73946,21535	3,20654	9,92216,15029	1,38256	9,81730,06506	4,58910	10,18269,93494	40	
	30	9,73949,42189	3,20620	9,92214,76773	1,38270	9,81734,65416	4,58890	10,18265,34584	30	
	40	9,73952,62809	3,20585	9,92213,38503	1,38285	9,81739,24306	4,58870	10,18260,75694	20	
	50	9,73955,83394	3,20552	9,92212,00218	1,38300	9,81743,83176	4,58852	10,18256,16824	10	
18	0	9,73959,03946	3,20518	9,92210,61918	1,38314	9,81748,42028	4,58832	10,18251,57972	0	42
	10	9,73962,24464	3,20484	9,92209,23604	1,38328	9,81753,00860	4,58812	10,18246,99140	50	
	20	9,73965,44948	3,20449	9,92207,85276	1,38343	9,81757,59672	4,58792	10,18242,40328	40	
	30	9,73968,65307	3,20416	9,92206,46933	1,38358	9,81762,18464	4,58774	10,18237,81536	30	
	40	9,73971,85813	3,20383	9,92205,08575	1,38373	9,81766,77238	4,58756	10,18233,22762	20	
	50	9,73975,06196	3,20348	9,92203,70202	1,38387	9,81771,35994	4,58735	10,18228,64006	10	
19	0	9,73978,26544	3,20314	9,92202,31815	1,38402	9,81775,94729	4,58716	10,18224,05271	0	41
	10	9,73981,46858	3,20281	9,92200,93413	1,38417	9,81780,53445	4,58698	10,18219,46555	50	
	20	9,73984,67139	3,20248	9,92199,54996	1,38431	9,81785,12143	4,58679	10,18214,87857	40	
	30	9,73987,87387	3,20214	9,92198,16565	1,38446	9,81789,70822	4,58660	10,18210,29178	30	
	40	9,73991,07601	3,20179	9,92196,78119	1,38460	9,81794,29482	4,58639	10,18205,70518	20	
	50	9,73994,27780	3,20144	9,92195,39659	1,38474	9,81798,88121	4,58618	10,18201,11879	10	
20	0	9,73997,47924	3,20111	9,92194,01185	1,38489	9,81803,46739	4,58600	10,18196,53261	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,73997,47924	3,20111	9,92194,01185	1,38489	9,81803,46739	4,58600	10,18196,53261	0	40
	10	9,74000,68035	3,20078	9,92192,62696	1,38504	9,81808,05339	4,58582	10,18191,94661	50	
	20	9,74003,88113	3,20045	9,92191,24192	1,38519	9,81812,63921	4,58564	10,18187,36079	40	
	30	9,74007,08158	3,20011	9,92189,85673	1,38533	9,81817,22485	4,58544	10,18182,77515	30	
	40	9,74010,28169	3,19976	9,92188,47140	1,38548	9,81821,81029	4,58524	10,18178,18971	20	
	50	9,74013,48145	3,19943	9,92187,08592	1,38563	9,81826,39553	4,58506	10,18173,60447	10	
21	0	9,74016,68088	3,19909	9,92185,70029	1,38577	9,81830,98059	4,58486	10,18169,01941	0	39
	10	9,74019,87997	3,19876	9,92184,31452	1,38592	9,81835,56545	4,58468	10,18164,43455	50	
	20	9,74023,07873	3,19840	9,92182,92860	1,38606	9,81840,15013	4,58446	10,18159,84987	40	
	30	9,74026,27713	3,19807	9,92181,54254	1,38621	9,81844,73459	4,58428	10,18155,26541	30	
	40	9,74029,47520	3,19774	9,92180,15633	1,38636	9,81849,31887	4,58410	10,18150,68113	20	
	50	9,74032,67294	3,19741	9,92178,76997	1,38651	9,81853,90297	4,58392	10,18146,09703	10	
22	0	9,74035,87035	3,19707	9,92177,38346	1,38665	9,81858,48689	4,58372	10,18141,51311	0	38
	10	9,74039,06742	3,19673	9,92175,99681	1,38680	9,81863,07061	4,58353	10,18136,92939	50	
	20	9,74042,26415	3,19638	9,92174,61001	1,38694	9,81867,65414	4,58332	10,18132,34586	40	
	30	9,74045,46053	3,19605	9,92173,22307	1,38709	9,81872,23746	4,58314	10,18127,76254	30	
	40	9,74048,65658	3,19572	9,92171,83598	1,38724	9,81876,82060	4,58296	10,18123,17940	20	
	50	9,74051,85230	3,19538	9,92170,44874	1,38738	9,81881,40356	4,58276	10,18118,59644	10	
23	0	9,74055,04768	3,19505	9,92169,06136	1,38753	9,81885,98632	4,58258	10,18114,01368	0	37
	10	9,74058,24273	3,19470	9,92167,67383	1,38767	9,81890,56890	4,58237	10,18109,43110	50	
	20	9,74061,43743	3,19436	9,92166,28616	1,38782	9,81895,15127	4,58218	10,18104,84873	40	
	30	9,74064,63179	3,19403	9,92164,89834	1,38797	9,81899,73345	4,58200	10,18100,26655	30	
	40	9,74067,82582	3,19369	9,92163,51037	1,38811	9,81904,31545	4,58180	10,18095,68455	20	
	50	9,74071,01951	3,19335	9,92162,12226	1,38826	9,81908,89725	4,58161	10,18091,10275	10	
24	0	9,74074,21286	3,19302	9,92160,73400	1,38840	9,81913,47886	4,58142	10,18086,52114	0	36
	10	9,74077,40588	3,19268	9,92159,34560	1,38855	9,81918,06028	4,58123	10,18081,93972	50	
	20	9,74080,59856	3,19234	9,92157,95705	1,38870	9,81922,64151	4,58104	10,18077,35849	40	
	30	9,74083,79090	3,19201	9,92156,56835	1,38885	9,81927,22255	4,58086	10,18072,77745	30	
	40	9,74086,98291	3,19168	9,92155,17950	1,38900	9,81931,80341	4,58068	10,18068,19659	20	
	50	9,74090,17459	3,19133	9,92153,79050	1,38914	9,81936,38409	4,58047	10,18063,61591	10	
25	0	9,74093,36592	3,19101	9,92152,40136	1,38929	9,81940,96456	4,58030	10,18059,03544	0	35
	10	9,74096,55693	3,19066	9,92151,01207	1,38943	9,81945,54486	4,58009	10,18054,45514	50	
	20	9,74099,74759	3,19032	9,92149,62264	1,38958	9,81950,12495	4,57990	10,18049,87505	40	
	30	9,74102,93791	3,18999	9,92148,23306	1,38973	9,81954,70485	4,57972	10,18045,29515	30	
	40	9,74106,12790	3,18965	9,92146,84333	1,38987	9,81959,28457	4,57952	10,18040,71543	20	
	50	9,74109,31755	3,18932	9,92145,45346	1,39002	9,81963,86409	4,57934	10,18036,13591	10	
26	0	9,74112,50687	3,18898	9,92144,06344	1,39016	9,81968,44343	4,57914	10,18031,55657	0	34
	10	9,74115,69585	3,18865	9,92142,67328	1,39031	9,81973,02257	4,57896	10,18026,97743	50	
	20	9,74118,88450	3,18830	9,92141,28297	1,39046	9,81977,60153	4,57876	10,18022,39847	40	
	30	9,74122,07280	3,18797	9,92139,89251	1,39061	9,81982,18029	4,57858	10,18017,81971	30	
	40	9,74125,26077	3,18764	9,92138,50190	1,39076	9,81986,75887	4,57840	10,18013,24113	20	
	50	9,74128,44841	3,18731	9,92137,11114	1,39090	9,81991,33727	4,57821	10,18008,66273	10	
27	0	9,74131,63572	3,18697	9,92135,72024	1,39105	9,81995,91548	4,57802	10,18004,08452	0	33
	10	9,74134,82269	3,18664	9,92134,32919	1,39120	9,82000,49350	4,57784	10,17999,50650	50	
	20	9,74138,00933	3,18629	9,92132,93799	1,39134	9,82005,07134	4,57763	10,17994,92866	40	
	30	9,74141,19562	3,18596	9,92131,54665	1,39148	9,82009,64897	4,57744	10,17990,35103	30	
	40	9,74144,38158	3,18562	9,92130,15517	1,39163	9,82014,22641	4,57725	10,17985,77359	20	
	50	9,74147,56720	3,18527	9,92128,76354	1,39177	9,82018,80366	4,57704	10,17981,19634	10	
28	0	9,74150,75247	3,18494	9,92127,37177	1,39192	9,82023,38070	4,57686	10,17976,61930	0	32
	10	9,74153,93741	3,18461	9,92125,97985	1,39207	9,82027,95756	4,57668	10,17972,04244	50	
	20	9,74157,12202	3,18428	9,92124,58778	1,39222	9,82032,53424	4,57650	10,17967,46576	40	
	30	9,74160,30630	3,18395	9,92123,19556	1,39237	9,82037,11074	4,57632	10,17962,88926	30	
	40	9,74163,49025	3,18361	9,92121,80319	1,39251	9,82041,68706	4,57612	10,17958,31294	20	
	50	9,74166,67386	3,18327	9,92120,41068	1,39266	9,82046,26318	4,57593	10,17953,73682	10	
29	0	9,74169,85713	3,18295	9,92119,01802	1,39281	9,82050,83911	4,57576	10,17949,16089	0	31
	10	9,74173,04008	3,18260	9,92117,62521	1,39296	9,82055,41487	4,57556	10,17944,58513	50	
	20	9,74176,22268	3,18226	9,92116,23225	1,39310	9,82059,99043	4,57536	10,17940,00957	40	
	30	9,74179,40494	3,18192	9,92114,83915	1,39324	9,82064,56579	4,57516	10,17935,43421	30	
	40	9,74182,58686	3,18159	9,92113,44591	1,39339	9,82069,14095	4,57498	10,17930,85905	20	
	50	9,74185,76845	3,18126	9,92112,05252	1,39353	9,82073,71593	4,57479	10,17926,28407	10	
30	0	9,74188,94971	3,18092	9,92110,65899	1,39368	9,82078,29072	4,57460	10,17921,70928	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,74188,94971	3,18092	9,92110,65899	1,39368	9,82078,29072	4,57460	10,17921,70928	0	30
	10	9,74192,13063	3,18059	9,92109,26531	1,39383	9,82082,86532	4,57442	10,17917,13468	50	
	20	9,74195,31122	3,18025	9,92107,87148	1,39398	9,82087,43974	4,57423	10,17912,56026	40	
	30	9,74198,49147	3,17993	9,92106,47750	1,39413	9,82092,01397	4,57406	10,17907,98603	30	
	40	9,74201,67140	3,17958	9,92105,08337	1,39427	9,82096,58803	4,57385	10,17903,41197	20	
	50	9,74204,85098	3,17924	9,92103,68910	1,39442	9,82101,16188	4,57366	10,17898,83812	10	
31	0	9,74208,03022	3,17891	9,92102,29468	1,39457	9,82105,73554	4,57348	10,17894,26446	0	29
	10	9,74211,20913	3,17858	9,92100,90011	1,39472	9,82110,30902	4,57330	10,17889,69098	50	
	20	9,74214,38771	3,17826	9,92099,50539	1,39486	9,82114,88232	4,57312	10,17885,11768	40	
	30	9,74217,56597	3,17791	9,92098,11053	1,39501	9,82119,45544	4,57292	10,17880,54456	30	
	40	9,74220,74388	3,17757	9,92096,71552	1,39515	9,82124,02836	4,57272	10,17875,97164	20	
	50	9,74223,92145	3,17725	9,92095,32037	1,39530	9,82128,60108	4,57255	10,17871,39892	10	
32	0	9,74227,09870	3,17691	9,92093,92507	1,39545	9,82133,17363	4,57236	10,17866,82637	0	28
	10	9,74230,27561	3,17658	9,92092,52962	1,39560	9,82137,74599	4,57218	10,17862,25401	50	
	20	9,74233,45219	3,17625	9,92091,13402	1,39575	9,82142,31817	4,57200	10,17857,68183	40	
	30	9,74236,62844	3,17591	9,92089,73827	1,39589	9,82146,89017	4,57180	10,17853,10983	30	
	40	9,74239,80435	3,17557	9,92088,34238	1,39603	9,82151,46197	4,57160	10,17848,53803	20	
	50	9,74242,97992	3,17522	9,92086,94635	1,39618	9,82156,03357	4,57140	10,17843,96643	10	
33	0	9,74246,15514	3,17491	9,92085,55017	1,39633	9,82160,60497	4,57124	10,17839,39503	0	27
	10	9,74249,33005	3,17456	9,92084,15384	1,39647	9,82165,17621	4,57103	10,17834,82379	50	
	20	9,74252,50461	3,17422	9,92082,75737	1,39662	9,82169,74724	4,57084	10,17830,25276	40	
	30	9,74255,67883	3,17389	9,92081,36075	1,39677	9,82174,31808	4,57066	10,17825,68192	30	
	40	9,74258,85272	3,17356	9,92079,96398	1,39692	9,82178,88874	4,57048	10,17821,11126	20	
	50	9,74262,02628	3,17324	9,92078,56706	1,39707	9,82183,45922	4,57031	10,17816,54078	10	
34	0	9,74265,19952	3,17290	9,92077,16999	1,39721	9,82188,02953	4,57011	10,17811,97047	0	26
	10	9,74268,37242	3,17256	9,92075,77278	1,39736	9,82192,59964	4,56992	10,17807,40036	50	
	20	9,74271,54498	3,17224	9,92074,37542	1,39751	9,82197,16956	4,56975	10,17802,83044	40	
	30	9,74274,71722	3,17189	9,92072,97791	1,39765	9,82201,73931	4,56954	10,17798,26069	30	
	40	9,74277,88911	3,17156	9,92071,58026	1,39780	9,82206,30885	4,56936	10,17793,69115	20	
	50	9,74281,06067	3,17124	9,92070,18246	1,39795	9,82210,87821	4,56919	10,17789,12179	10	
35	0	9,74284,23191	3,17089	9,92068,78451	1,39809	9,82215,44740	4,56898	10,17784,55260	0	25
	10	9,74287,40280	3,17056	9,92067,38642	1,39824	9,82220,01638	4,56880	10,17779,96362	50	
	20	9,74290,57336	3,17023	9,92065,98818	1,39839	9,82224,58518	4,56862	10,17775,41482	40	
	30	9,74293,74359	3,16990	9,92064,58979	1,39854	9,82229,15380	4,56844	10,17770,84620	30	
	40	9,74296,91349	3,16957	9,92063,19125	1,39869	9,82233,72224	4,56826	10,17766,27776	20	
	50	9,74300,08306	3,16922	9,92061,79256	1,39883	9,82238,29050	4,56805	10,17761,70950	10	
36	0	9,74303,25228	3,16890	9,92060,39373	1,39898	9,82242,85855	4,56788	10,17757,14145	0	24
	10	9,74306,42118	3,16857	9,92058,99475	1,39913	9,82247,42643	4,56770	10,17752,57357	50	
	20	9,74309,58975	3,16822	9,92057,59562	1,39927	9,82251,99413	4,56749	10,17748,00587	40	
	30	9,74312,75797	3,16790	9,92056,19635	1,39942	9,82256,56162	4,56732	10,17743,43838	30	
	40	9,74315,92587	3,16756	9,92054,79693	1,39956	9,82261,12894	4,56712	10,17738,87106	20	
	50	9,74319,09343	3,16722	9,92053,39737	1,39971	9,82265,69606	4,56693	10,17734,30394	10	
37	0	9,74322,26065	3,16690	9,92051,99766	1,39986	9,82270,26299	4,56676	10,17729,73701	0	23
	10	9,74325,42755	3,16657	9,92050,59780	1,40001	9,82274,82975	4,56658	10,17725,17025	50	
	20	9,74328,59412	3,16623	9,92049,19779	1,40016	9,82279,39633	4,56639	10,17720,60367	40	
	30	9,74331,76035	3,16590	9,92047,79763	1,40030	9,82283,96272	4,56620	10,17716,03728	30	
	40	9,74334,92625	3,16557	9,92046,39733	1,40045	9,82288,52892	4,56602	10,17711,47108	20	
	50	9,74338,09182	3,16522	9,92044,99688	1,40059	9,82293,09494	4,56581	10,17706,90506	10	
38	0	9,74341,25704	3,16489	9,92043,59629	1,40074	9,82297,66075	4,56563	10,17702,33925	0	22
	10	9,74344,42193	3,16457	9,92042,19555	1,40089	9,82302,22638	4,56546	10,17697,77362	50	
	20	9,74347,58650	3,16422	9,92040,79466	1,40104	9,82306,79184	4,56526	10,17693,20816	40	
	30	9,74350,75072	3,16390	9,92039,39362	1,40119	9,82311,35710	4,56509	10,17688,64290	30	
	40	9,74353,91462	3,16357	9,92037,99243	1,40133	9,82315,92219	4,56490	10,17684,07781	20	
	50	9,74357,07819	3,16324	9,92036,59110	1,40148	9,82320,48709	4,56472	10,17679,51291	10	
39	0	9,74360,24143	3,16291	9,92035,18962	1,40163	9,82325,05181	4,56454	10,17674,94819	0	21
	10	9,74363,40434	3,16258	9,92033,78799	1,40178	9,82329,61635	4,56436	10,17670,38365	50	
	20	9,74366,56692	3,16223	9,92032,38621	1,40192	9,82334,18071	4,56415	10,17665,81929	40	
	30	9,74369,72915	3,16191	9,92030,98429	1,40207	9,82338,74486	4,56398	10,17661,25514	30	
	40	9,74372,89106	3,16157	9,92029,58222	1,40221	9,82343,30884	4,56378	10,17656,69116	20	
	50	9,74376,05263	3,16123	9,92028,18001	1,40236	9,82347,87262	4,56359	10,17652,12738	10	
40	0	9,74379,21386	3,16091	9,92026,77765	1,40251	9,82352,43621	4,56342	10,17647,56379	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,74379,21386	3,16091	9,92026,77765	1,40251	9,82352,43621	4,56342	10,17647,56379	0	20
	10	9,74382,37477	3,16058	9,92025,37514	1,40266	9,82356,99963	4,56324	10,17643,00037	50	
	20	9,74385,53535	3,16024	9,92023,97248	1,40281	9,82361,56287	4,56305	10,17638,43713	40	
	30	9,74388,69559	3,15991	9,92022,56967	1,40295	9,82366,12592	4,56286	10,17633,87408	30	
	40	9,74391,85550	3,15958	9,92021,16672	1,40310	9,82370,68878	4,56268	10,17629,31122	20	
	50	9,74395,01508	3,15925	9,92019,76362	1,40325	9,82375,25146	4,56250	10,17624,74854	10	
41	0	9,74398,17433	3,15892	9,92018,36037	1,40340	9,82379,81396	4,56232	10,17620,18604	0	19
	10	9,74401,33325	3,15858	9,92016,95697	1,40354	9,82384,37628	4,56212	10,17615,62372	50	
	20	9,74404,49183	3,15826	9,92015,55343	1,40369	9,82388,93840	4,56195	10,17611,06160	40	
	30	9,74407,65009	3,15792	9,92014,14974	1,40384	9,82393,50035	4,56176	10,17606,49965	30	
	40	9,74410,80801	3,15758	9,92012,74590	1,40398	9,82398,06211	4,56156	10,17601,93789	20	
	50	9,74413,96559	3,15726	9,92011,34192	1,40413	9,82402,62367	4,56139	10,17597,37633	10	
42	0	9,74417,12285	3,15692	9,92009,93779	1,40428	9,82407,18506	4,56120	10,17592,81494	0	18
	10	9,74420,27977	3,15660	9,92008,53351	1,40443	9,82411,74626	4,56103	10,17588,25374	50	
	20	9,74423,43637	3,15627	9,92007,12908	1,40457	9,82416,30729	4,56084	10,17583,69271	40	
	30	9,74426,59264	3,15592	9,92005,72451	1,40472	9,82420,86813	4,56064	10,17579,13187	30	
	40	9,74429,74856	3,15560	9,92004,31979	1,40487	9,82425,42877	4,56047	10,17574,57123	20	
	50	9,74432,90416	3,15528	9,92002,91492	1,40502	9,82429,98924	4,56030	10,17570,01076	10	
43	0	9,74436,05944	3,15495	9,92001,50990	1,40517	9,82434,54954	4,56012	10,17565,45046	0	17
	10	9,74439,21439	3,15462	9,92000,10473	1,40532	9,82439,10966	4,55994	10,17560,89034	50	
	20	9,74442,36901	3,15426	9,91998,69941	1,40546	9,82443,66960	4,55972	10,17556,33040	40	
	30	9,74445,52327	3,15394	9,91997,29395	1,40561	9,82448,22932	4,55955	10,17551,77068	30	
	40	9,74448,67721	3,15361	9,91995,88834	1,40575	9,82452,78887	4,55936	10,17547,21113	20	
	50	9,74451,83082	3,15328	9,91994,48259	1,40590	9,82457,34823	4,55918	10,17542,65177	10	
44	0	9,74454,98410	3,15295	9,91993,07669	1,40605	9,82461,90741	4,55900	10,17538,09259	0	16
	10	9,74458,13705	3,15262	9,91991,67064	1,40620	9,82466,46641	4,55882	10,17533,53359	50	
	20	9,74461,28967	3,15230	9,91990,26444	1,40635	9,82471,02523	4,55865	10,17528,97477	40	
	30	9,74464,44197	3,15195	9,91988,85809	1,40649	9,82475,58388	4,55844	10,17524,41612	30	
	40	9,74467,59392	3,15163	9,91987,45160	1,40664	9,82480,14232	4,55827	10,17519,85768	20	
	50	9,74470,74555	3,15130	9,91986,04496	1,40679	9,82484,70059	4,55809	10,17515,29941	10	
45	0	9,74473,89685	3,15096	9,91984,63817	1,40694	9,82489,25868	4,55790	10,17510,74132	0	15
	10	9,74477,04781	3,15065	9,91983,23123	1.40709	9,82493,81658	4,55774	10,17506,18342	50	
	20	9,74480,19846	3,15032	9,91981,82414	1,40724	9,82498,37432	4,55756	10,17501,62568	40	
	30	9,74483,34878	3,14998	9,91980,41690	1,40738	9,82502,93188	4,55736	10,17497,06812	30	
	40	9,74486,49876	3,14964	9,91979,00952	1,40752	9,82507,48924	4,55716	10,17492,51076	20	
	50	9,74489,64840	3,14930	9,91977,60200	1,40767	9,82512,04640	4,55697	10,17487,95360	10	
46	0	9,74492,79770	3,14898	9,91976,19433	1,40782	9,82516,60337	4,55680	10,17483,39663	0	14
	10	9,74495,94668	3,14865	9,91974,78651	1,40797	9,82521,16017	4,55662	10,17478,83983	50	
	20	9,74499,09533	3,14832	9,91973,37854	1,40812	9,82525,71679	4,55644	10,17474,28321	40	
	30	9,74502,24365	3,14799	9,91971,97042	1,40827	9,82530,27323	4,55626	10,17469,72677	30	
	40	9,74505,39164	3,14766	9,91970,56215	1,40841	9,82534,82949	4,55607	10,17465,17051	20	
	50	9,74508,53930	3,14734	9,91969,15374	1,40856	9,82539,38556	4,55590	10,17460,61444	10	
47	0	9,74511,68664	3,14701	9,91967,74518	1,40871	9,82543,94146	4,55572	10,17456,05854	0	13
	10	9,74514,83365	3,14668	9,91966,33647	1,40886	9,82548,49718	4,55554	10,17451,50282	50	
	20	9,74517,98033	3,14632	9,91964,92761	1,40900	9,82553,05272	4,55532	10,17446,94728	40	
	30	9,74521,12665	3,14601	9,91963,51861	1,40915	9,82557,60804	4,55516	10,17442,39196	30	
	40	9,74524,27266	3,14568	9,91962,10946	1,40930	9,82562,16320	4,55498	10,17437,83680	20	
	50	9,74527,41834	3,14535	9,91960,70016	1,40945	9,82566,71818	4,55480	10,17433,28182	10	
48	0	9,74530,56369	3,14502	9,91959,29071	1,40960	9,82571,27298	4,55462	10,17428,72702	0	12
	10	9,74533,70871	3,14469	9,91957,88111	1,40974	9,82575,82760	4,55443	10,17424,17240	50	
	20	9,74536,85340	3,14437	9,91956,47137	1,40989	9,82580,38203	4,55426	10,17419,61797	40	
	30	9,74539,99777	3,14404	9,91955,06148	1,41004	9,82584,93629	4,55408	10,17415,06371	30	
	40	9,74543,14181	3,14371	9,91953,65144	1,41019	9,82589,49037	4,55390	10,17410,50963	20	
	50	9,74546,28552	3,14337	9,91952,24125	1,41034	9,82594,04427	4,55371	10,17405,95573	10	
49	0	9,74549,42889	3,14305	9,91950,83091	1,41049	9,82598,59798	4,55354	10,17401,40202	0	11
	10	9,74552,57194	3,14271	9,91949,42042	1,41063	9,82603,15152	4,55334	10,17396,84848	50	
	20	9,74555,71465	3,14239	9,91948,00979	1,41078	9,82607,70486	4,55317	10,17392,29514	40	
	30	9,74558,85704	3,14205	9,91946,59901	1,41093	9,82612,25803	4,55298	10,17387,74197	30	
	40	9,74561,99909	3,14172	9,91945,18808	1,41107	9,82616,81101	4,55279	10,17383,18899	20	
	50	9,74565,14081	3,14140	9,91943,77701	1,41122	9,82621,36380	4,55262	10,17378,63620	10	
50	0	9,74568,28221	3,14107	9,91942,36579	1,41137	9,82625,91642	4,55244	10,17374,08358	0	10
		Sin. Compl.		SINVVM		Taug. compl		TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
50	0	9,74568,28221	3,14107	9,91942,36579	1,41137	9,82625,91642	4,55244	10,17374,08358	0	10
	10	9,74571,42328	3,14074	9,91940,95442	1,41152	9,82630,46886	4,55226	10,17369,53114	50	
	20	9,74574,56402	3,14040	9,91939,54290	1,41167	9,82635,02112	4,55207	10,17364,97888	40	
	30	9,74577,70442	3,14007	9,91938,13123	1,41181	9,82639,57319	4,55188	10,17360,42681	30	
	40	9,74580,84449	3,13975	9,91936,71942	1,41196	9,82644,12507	4,55171	10,17355,87493	20	
	50	9,74583,98424	3,13943	9,91935,30746	1,41211	9,82648,67678	4,55154	10,17351,32322	10	
51	0	9,74587,12367	3,13910	9,91933,89535	1,41226	9,82653,22832	4,55136	10,17346,77168	0	9
	10	9,74590,26277	3,13877	9,91932,48309	1,41241	9,82657,77968	4,55118	10,17342,22032	50	
	20	9,74593,40154	3,13842	9,91931,07068	1,41255	9,82662,33086	4,55097	10,17337,66914	40	
	30	9,74596,53996	3,13810	9,91929,65813	1,41270	9,82666,88183	4,55080	10,17333,11817	30	
	40	9,74599,67806	3,13777	9,91928,24543	1,41285	9,82671,43263	4,55062	10,17328,56737	20	
	50	9,74602,81583	3,13746	9,91926,83258	1,41300	9,82675,98325	4,55046	10,17324,01675	10	
52	0	9,74605,95329	3,13713	9,91925,41958	1,41315	9,82680,53371	4,55028	10,17319,46629	0	8
	10	9,74609,09042	3,13680	9,91924,00643	1,41330	9,82685,08399	4,55010	10,17314,91601	50	
	20	9,74612,22722	3,13646	9,91922,59313	1,41345	9,82689,63409	4,54991	10,17310,36591	40	
	30	9,74615,36368	3,13613	9,91921,17968	1,41359	9,82694,18400	4,54972	10,17305,81600	30	
	40	9,74618,49981	3,13580	9,91919,76609	1,41374	9,82698,73372	4,54954	10,17301,26628	20	
	50	9,74621,63561	3,13548	9,91918,35235	1,41388	9,82703,28326	4,54936	10,17296,71674	10	
53	0	9,74624,77109	3,13515	9,91916,93847	1,41403	9,82707,83262	4,54918	10,17292,16738	0	7
	10	9,74627,90624	3,13482	9,91915,52444	1,41418	9,82712,38180	4,54900	10,17287,61820	50	
	20	9,74631,04106	3,13448	9,91914,11026	1,41433	9,82716,93080	4,54881	10,17283,06920	40	
	30	9,74634,17554	3,13416	9,91912,69593	1,41448	9,82721,47961	4,54864	10,17278,52039	30	
	40	9,74637,30970	3,13383	9,91911,28145	1,41463	9,82726,02825	4,54846	10,17273,97175	20	
	50	9,74640,44353	3,13352	9,91909,86682	1,41478	9,82730,57671	4,54830	10,17269,42329	10	
54	0	9,74643,57705	3,13319	9,91908,45204	1,41493	9,82735,12501	4,54812	10,17264,87499	0	6
	10	9,74646,71024	3,13285	9,91907,03711	1,41507	9,82739,67313	4,54792	10,17260,32687	50	
	20	9,74649,84309	3,13252	9,91905,62204	1,41522	9,82744,22105	4,54774	10,17255,77895	40	
	30	9,74652,97561	3,13219	9,91904,20682	1,41537	9,82748,76879	4,54756	10,17251,23121	30	
	40	9,74656,10780	3,13187	9,91902,79145	1,41552	9,82753,31635	4,54739	10,17246,68365	20	
	50	9,74659,23967	3,13154	9,91901,37593	1,41566	9,82757,86374	4,54720	10,17242,13626	10	
55	0	9,74662,37121	3,13121	9,91899,96027	1,41581	9,82762,41094	4,54702	10,17237,58906	0	5
	10	9,74665,50242	3,13087	9,91898,54446	1,41595	9,82766,95796	4,54682	10,17233,04204	50	
	20	9,74668,63329	3,13055	9,91897,12851	1,41611	9,82771,50478	4,54666	10,17228,49522	40	
	30	9,74671,76384	3,13022	9,91895,71240	1,41626	9,82776,05144	4,54648	10,17223,94856	30	
	40	9,74674,89406	3,12991	9,91894,29614	1,41641	9,82780,59792	4,54632	10,17219,40208	20	
	50	9,74678,02397	3,12958	9,91892,87973	1,41656	9,82785,14424	4,54614	10,17214,85576	10	
56	0	9,74681,15355	3,12925	9,91891,46317	1,41671	9,82789,69038	4,54596	10,17210,30962	0	4
	10	9,74684,28280	3,12891	9,91890,04646	1,41685	9,82794,23634	4,54576	10,17205,76366	50	
	20	9,74687,41171	3,12860	9,91888,62961	1,41700	9,82798,78210	4,54560	10,17201,21790	40	
	30	9,74690,54031	3,12827	9,91887,21261	1,41715	9,82803,32770	4,54542	10,17196,67230	30	
	40	9,74693,66858	3,12793	9,91885,79546	1,41729	9,82807,87312	4,54522	10,17192,12688	20	
	50	9,74696,79651	3,12760	9,91884,37817	1,41744	9,82812,41834	4,54504	10,17187,58166	10	
57	0	9,74699,92411	3,12727	9,91882,96073	1,41759	9,82816,96338	4,54486	10,17183,03662	0	3
	10	9,74703,05138	3,12695	9,91881,54314	1,41774	9,82821,50824	4,54469	10,17178,49176	50	
	20	9,74706,17833	3,12663	9,91880,12540	1,41789	9,82826,05293	4,54452	10,17173,94707	40	
	30	9,74709,30496	3,12630	9,91878,70751	1,41804	9,82830,59745	4,54434	10,17169,40255	30	
	40	9,74712,43126	3,12597	9,91877,28947	1,41819	9,82835,14179	4,54416	10,17164,85821	20	
	50	9,74715,55723	3,12565	9,91875,87128	1,41833	9,82839,68595	4,54398	10,17160,31405	10	
58	0	9,74718,68288	3,12532	9,91874,45295	1,41848	9,82844,22993	4,54380	10,17155,77007	0	2
	10	9,74721,80820	3,12499	9,91873,03447	1,41863	9,82848,77373	4,54362	10,17151,22627	50	
	20	9,74724,93319	3,12466	9,91871,61584	1,41878	9,82853,31735	4,54344	10,17146,68265	40	
	30	9,74728,05785	3,12433	9,91870,19706	1,41893	9,82857,86079	4,54326	10,17142,13921	30	
	40	9,74731,18218	3,12402	9,91868,77813	1,41908	9,82862,40405	4,54310	10,17137,59595	20	
	50	9,74734,30620	3,12369	9,91867,35905	1,41923	9,82866,94715	4,54292	10,17133,05285	10	
59	0	9,74737,42989	3,12335	9,91865,93982	1,41937	9,82871,49007	4,54272	10,17128,50993	0	1
	10	9,74740,55324	3,12302	9,91864,52045	1,41952	9,82876,03279	4,54254	10,17123,96721	50	
	20	9,74743,67626	3,12271	9,91863,10093	1,41967	9,82880,57533	4,54238	10,17119,42467	40	
	30	9,74746,79897	3,12238	9,91861,68126	1,41982	9,82885,11771	4,54220	10,17114,88229	30	
	40	9,74749,92135	3,12205	9,91860,26144	1,41997	9,82889,65991	4,54202	10,17110,34009	20	
	50	9,74753,04340	3,12173	9,91858,84147	1,42012	9,82894,20193	4,54185	10,17105,79807	10	
60	0	9,74756,16513	3,12141	9,91857,42135	1,42027	9,82898,74378	4,54168	10,17101,25622	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,74756,16513	3,12141	9,91857,42135	1,42027	9,82898,74378	4,54168	10,17101,25622	0	60
	10	9,74759,28654	3,12107	9,91856,00108	1,42041	9,82903,28546	4,54148	10,17096,71454	50	
	20	9,74762,40761	3,12073	9,91854,58067	1,42056	9,82907,82694	4,54129	10,17092,17306	40	
	30	9,74765,52834	3,12041	9,91853,16011	1,42071	9,82912,36823	4,54112	10,17087,63177	30	
	40	9,74768,64875	3,12010	9,91851,73940	1,42086	9,82916,90935	4,54096	10,17083,09065	20	
	50	9,74771,76885	3,11977	9,91850,31854	1,42101	9,82921,45031	4,54078	10,17078,54969	10	
1	0	9,74774,88862	3,11944	9,91848,89753	1,42116	9,82925,99109	4,54060	10,17074,00891	0	59
	10	9,74778,00806	3,11910	9,91847,47637	1,42130	9,82930,53169	4,54040	10,17069,46831	50	
	20	9,74781,12716	3,11879	9,91846,05507	1,42145	9,82935,07209	4,54024	10,17064,92791	40	
	30	9,74784,24595	3,11846	9,91844,63362	1,42160	9,82939,61233	4,54006	10,17060,38767	30	
	40	9,74787,36441	3,11813	9,91843,21202	1,42175	9,82944,15239	4,53988	10,17055,84761	20	
	50	9,74790,48254	3,11782	9,91841,79027	1,42190	9,82948,69227	4,53972	10,17051,30773	10	
2	0	9,74793,60036	3,11749	9,91840,36837	1,42205	9,82953,23199	4,53954	10,17046,76801	0	58
	10	9,74796,71785	3,11716	9,91838,94632	1,42220	9,82957,77153	4,53936	10,17042,22847	50	
	20	9,74799,83501	3,11683	9,91837,52412	1,42235	9,82962,31089	4,53918	10,17037,68911	40	
	30	9,74802,95184	3,11650	9,91836,10177	1,42249	9,82966,85007	4,53899	10,17033,14993	30	
	40	9,74806,06834	3,11618	9,91834,67928	1,42264	9,82971,38906	4,53882	10,17028,61094	20	
	50	9,74809,18452	3,11585	9,91833,25664	1,42279	9,82975,92788	4,53864	10,17024,07212	10	
3	0	9,74812,30037	3,11553	9,91831,83385	1,42294	9,82980,46652	4,53847	10,17019,53348	0	57
	10	9,74815,41590	3,11521	9,91830,41091	1,42309	9,82985,00499	4,53830	10,17014,99501	50	
	20	9,74818,53111	3,11488	9,91828,98782	1,42324	9,82989,54329	4,53812	10,17010,45671	40	
	30	9,74821,64599	3,11455	9,91827,56458	1,42339	9,82994,08141	4,53794	10,17005,91859	30	
	40	9,74824,76054	3,11423	9,91826,14119	1,42353	9,82998,61935	4,53776	10,17001,38065	20	
	50	9,74827,87477	3,11390	9,91824,71766	1,42368	9,83003,15711	4,53758	10,16996,84289	10	
4	0	9,74830,98867	3,11356	9,91823,29398	1,42382	9,83007,69469	4,53738	10,16992,30531	0	56
	10	9,74834,10223	3,11325	9,91821,87016	1,42398	9,83012,23207	4,53723	10,16987,76793	50	
	20	9,74837,21548	3,11293	9,91820,44618	1,42413	9,83016,76930	4,53706	10,16983,23070	40	
	30	9,74840,32841	3,11260	9,91819,02205	1,42428	9,83021,30636	4,53688	10,16978,69364	30	
	40	9,74843,44101	3,11227	9,91817,59777	1,42443	9,83025,84324	4,53670	10,16974,15676	20	
	50	9,74846,55328	3,11196	9,91816,17334	1,42458	9,83030,37994	4,53654	10,16969,62006	10	
5	0	9,74849,66524	3,11163	9,91814,74876	1,42473	9,83034,91648	4,53636	10,16965,08352	0	55
	10	9,74852,77687	3,11129	9,91813,32403	1,42487	9,83039,45284	4,53616	10,16960,54716	50	
	20	9,74855,88816	3,11098	9,91811,89916	1,42502	9,83043,98900	4,53600	10,16956,01100	40	
	30	9,74858,99914	3,11065	9,91810,47414	1,42517	9,83048,52500	4,53582	10,16951,47500	30	
	40	9,74862,10979	3,11032	9,91809,04897	1,42532	9,83053,06082	4,53564	10,16946,93918	20	
	50	9,74865,22011	3,11001	9,91807,62365	1,42547	9,83057,59646	4,53548	10,16942,40354	10	
6	0	9,74868,33012	3,10968	9,91806,19818	1,42562	9,83062,13194	4,53530	10,16937,86808	0	54
	10	9,74871,43980	3,10935	9,91804,77256	1,42577	9,83066,66724	4,53512	10,16933,33276	50	
	20	9,74874,54915	3,10903	9,91803,34679	1,42592	9,83071,20236	4,53495	10,16928,79764	40	
	30	9,74877,65818	3,10871	9,91801,92087	1,42607	9,83075,73731	4,53478	10,16924,26269	30	
	40	9,74880,76689	3,10837	9,91800,49480	1,42621	9,83080,27209	4,53458	10,16919,72791	20	
	50	9,74883,87526	3,10806	9,91799,06859	1,42636	9,83084,80667	4,53442	10,16915,19333	10	
7	0	9,74886,98332	3,10772	9,91797,64223	1,42650	9,83089,34109	4,53422	10,16910,65891	0	53
	10	9,74890,09104	3,10740	9,91796,21573	1,42666	9,83093,87531	4,53406	10,16906,12469	50	
	20	9,74893,19844	3,10708	9,91794,78907	1,42681	9,83098,40937	4,53389	10,16901,59063	40	
	30	9,74896,30552	3,10676	9,91793,36226	1,42696	9,83102,94326	4,53372	10,16897,05674	30	
	40	9,74899,41228	3,10643	9,91791,93530	1,42711	9,83107,47698	4,53354	10,16892,52302	20	
	50	9,74902,51871	3,10611	9,91790,50819	1,42726	9,83112,01052	4,53337	10,16887,98948	10	
8	0	9,74905,62482	3,10579	9,91789,08093	1,42741	9,83116,54389	4,53320	10,16883,45611	0	52
	10	9,74908,73061	3,10546	9,91787,65352	1,42756	9,83121,07709	4,53302	10,16878,92291	50	
	20	9,74911,83607	3,10513	9,91786,22596	1,42770	9,83125,61011	4,53283	10,16874,38989	40	
	30	9,74914,94120	3,10481	9,91784,79826	1,42785	9,83130,14294	4,53266	10,16869,85706	30	
	40	9,74918,04601	3,10448	9,91783,37041	1,42800	9,83134,67560	4,53248	10,16865,32440	20	
	50	9,74921,15049	3,10417	9,91781,94241	1,42815	9,83139,20808	4,53232	10,16860,79192	10	
9	0	9,74924,25466	3,10383	9,91780,51426	1,42829	9,83143,74040	4,53212	10,16856,25960	0	51
	10	9,74927,35849	3,10350	9,91779,08597	1,42844	9,83148,27252	4,53194	10,16851,72748	50	
	20	9,74930,46199	3,10320	9,91777,65753	1,42860	9,83152,80446	4,53180	10,16847,19554	40	
	30	9,74933,56519	3,10287	9,91776,22893	1,42875	9,83157,33626	4,53162	10,16842,66374	30	
	40	9,74936,66806	3,10254	9,91774,80018	1,42890	9,83161,86788	4,53144	10,16838,13212	20	
	50	9,74939,77060	3,10223	9,91773,37128	1,42905	9,83166,39932	4,53128	10,16833,60068	10	
10	0	9,74942,87283	3,10190	9,91771,94223	1,42920	9,83170,93060	4,53110	10,16829,06940	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	9,74942,87283	3,10190	9,91771,94223	1,42920	9,83170,93060	4,53110	10,16829,06940	0	50
	10	9,74945,97473	3,10157	9,91770,51303	1,42934	9,83175,46170	4,53091	10,16824,53830	50	
	20	9,74949,07630	3,10125	9,91769,08369	1,42949	9,83179,99261	4,53074	10,16820,00739	40	
	30	9,74952,17755	3,10092	9,91767,65420	1,42964	9,83184,52335	4,53056	10,16815,47665	30	
	40	9,74955,27847	3,10060	9,91766,22456	1,42979	9,83189,05391	4,53039	10,16810,94609	20	
	50	9,74958,37907	3,10028	9,91764,79477	1,42994	9,83193,58430	4,53022	10,16806,41570	10	
11	0	9,74961,47935	3,09995	9,91763,36483	1,43009	9,83198,11452	4,53004	10,16801,88548	0	49
	10	9,74964,57930	3,09964	9,91761,93474	1,43024	9,83202,64456	4,52988	10,16797,35544	50	
	20	9,74967,67894	3,09931	9,91760,50450	1,43039	9,83207,17444	4,52970	10,16792,82556	40	
	30	9,74970,77825	3,09899	9,91759,07411	1,43054	9,83211,70414	4,52953	10,16788,29586	30	
	40	9,74973,87724	3,09866	9,91757,64357	1,43068	9,83216,23367	4,52934	10,16783,76633	20	
	50	9,74976,97590	3,09833	9,91756,21289	1,43083	9,83220,76301	4,52916	10,16779,23699	10	
12	0	9,74980,07423	3,09803	9,91754,78206	1,43099	9,83225,29217	4,52902	10,16774,70783	0	48
	10	9,74983,17226	3,09769	9,91753,35107	1,43113	9,83229,82119	4,52882	10,16770,17881	50	
	20	9,74986,26995	3,09736	9,91751,91994	1,43128	9,83234,35001	4,52864	10,16765,64999	40	
	30	9,74989,36731	3,09705	9,91750,48866	1,43143	9,83238,87865	4,52848	10,16761,12135	30	
	40	9,74992,46436	3,09672	9,91749,05723	1,43158	9,83243,40713	4,52830	10,16756,59287	20	
	50	9,74995,56108	3,09640	9,91747,62565	1,43173	9,83247,93543	4,52813	10,16752,06457	10	
13	0	9,74998,65748	3,09607	9,91746,19392	1,43187	9,83252,46356	4,52794	10,16747,53644	0	47
	10	9,75001,75355	3,09575	9,91744,76205	1,43203	9,83256,99150	4,52778	10,16743,00850	50	
	20	9,75004,84930	3,09544	9,91743,33002	1,43218	9,83261,51928	4,52762	10,16738,48072	40	
	30	9,75007,94474	3,09511	9,91741,89784	1,43233	9,83266,04690	4,52744	10,16733,95310	30	
	40	9,75011,03985	3,09479	9,91740,46551	1,43248	9,83270,57434	4,52727	10,16729,42566	20	
	50	9,75014,13464	3,09447	9,91739,03303	1,43263	9,83275,10161	4,52710	10,16724,89839	10	
14	0	9,75017,22911	3,09415	9,91737,60040	1,43278	9,83279,62871	4,52693	10,16720,37129	0	46
	10	9,75020,32326	3,09383	9,91736,16762	1,43293	9,83284,15564	4,52676	10,16715,84436	50	
	20	9,75023,41709	3,09349	9,91734,73469	1,43307	9,83288,68240	4,52656	10,16711,31760	40	
	30	9,75026,51058	3,09318	9,91733,30162	1,43322	9,83293,20896	4,52640	10,16706,79104	30	
	40	9,75029,60376	3,09285	9,91731,86840	1,43337	9,83297,73536	4,52622	10,16702,26464	20	
	50	9,75032,69661	3,09252	9,91730,43503	1,43352	9,83302,26158	4,52604	10,16697,73842	10	
15	0	9,75035,78913	3,09221	9,91729,00151	1,43367	9,83306,78762	4,52588	10,16693,21238	0	45
	10	9,75038,88134	3,09188	9,91727,56784	1,43382	9,83311,31350	4,52570	10,16688,68650	50	
	20	9,75041,97322	3,09156	9,91726,13402	1,43397	9,83315,83920	4,52553	10,16684,16080	40	
	30	9,75045,06478	3,09124	9,91724,70005	1,43412	9,83320,36473	4,52536	10,16679,63527	30	
	40	9,75048,15602	3,09092	9,91723,26593	1,43427	9,83324,89009	4,52519	10,16675,10991	20	
	50	9,75051,24694	3,09060	9,91721,83166	1,43442	9,83329,41528	4,52502	10,16670,58472	10	
16	0	9,75054,33754	3,09028	9,91720,39724	1,43457	9,83333,94030	4,52485	10,16666,05970	0	44
	10	9,75057,42782	3,08996	9,91718,96267	1,43472	9,83338,46515	4,52468	10,16661,53485	50	
	20	9,75060,51778	3,08963	9,91717,52795	1,43487	9,83342,98983	4,52450	10,16657,01017	40	
	30	9,75063,60741	3,08932	9,91716,09308	1,43502	9,83347,51433	4,52434	10,16652,48567	30	
	40	9,75066,69673	3,08898	9,91714,65806	1,43516	9,83352,03867	4,52414	10,16647,96133	20	
	50	9,75069,78571	3,08865	9,91713,22290	1,43531	9,83356,56281	4,52396	10,16643,43719	10	
17	0	9,75072,87436	3,08834	9,91711,78759	1,43546	9,83361,08677	4,52380	10,16638,91323	0	43
	10	9,75075,96270	3,08801	9,91710,35213	1,43561	9,83365,61057	4,52362	10,16634,38943	50	
	20	9,75079,05071	3,08770	9,91708,91652	1,43576	9,83370,13419	4,52346	10,16629,86581	40	
	30	9,75082,13841	3,08737	9,91707,48076	1,43591	9,83374,65765	4,52328	10,16625,34235	30	
	40	9,75085,22578	3,08707	9,91706,04485	1,43607	9,83379,18093	4,52314	10,16620,81907	20	
	50	9,75088,31285	3,08674	9,91704,60878	1,43622	9,83383,70407	4,52296	10,16616,29593	10	
18	0	9,75091,39959	3,08642	9,91703,17256	1,43637	9,83388,22703	4,52279	10,16611,77297	0	42
	10	9,75094,48601	3,08610	9,91701,73619	1,43652	9,83392,74982	4,52262	10,16607,25018	50	
	20	9,75097,57211	3,08578	9,91700,29967	1,43666	9,83397,27244	4,52244	10,16602,72756	40	
	30	9,75100,65789	3,08545	9,91698,86301	1,43681	9,83401,79488	4,52226	10,16598,20512	30	
	40	9,75103,74334	3,08513	9,91697,42620	1,43696	9,83406,31714	4,52209	10,16593,68286	20	
	50	9,75106,82847	3,08481	9,91695,98924	1,43711	9,83410,83923	4,52192	10,16589,16077	10	
19	0	9,75109,91328	3,08449	9,91694,55213	1,43726	9,83415,36115	4,52175	10,16584,63885	0	41
	10	9,75112,99777	3,08417	9,91693,11487	1,43741	9,83419,88290	4,52158	10,16580,11710	50	
	20	9,75116,08194	3,08384	9,91691,67746	1,43756	9,83424,40448	4,52140	10,16575,59552	40	
	30	9,75119,16578	3,08353	9,91690,23990	1,43771	9,83428,92588	4,52124	10,16571,07412	30	
	40	9,75122,24931	3,08320	9,91688,80219	1,43786	9,83433,44712	4,52106	10,16566,55288	20	
	50	9,75125,33251	3,08288	9,91687,36433	1,43801	9,83437,96818	4,52089	10,16562,03182	10	
20	0	9,75128,41539	3,08256	9,91685,92632	1,43816	9,83442,48907	4,52072	10,16557,51093	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
20	0	9,75128,41539	3,08256	9,91685,92632	1,43816	9,83442,48907	4,52072	10,16557,51093	0	40
	10	9,75131,49795	3,08224	9,91684,48816	1,43831	9,83447,00979	4,52055	10,16552,99021	50	
	20	9,75134,58019	3,08192	9,91683,04985	1,43846	9,83451,53034	4,52038	10,16548,46966	40	
	30	9,75137,66211	3,08160	9,91681,61139	1,43861	9,83456,05072	4,52021	10,16543,94928	30	
	40	9,75140,74371	3,08127	9,91680,17278	1,43875	9,83460,57093	4,52002	10,16539,42907	20	
	50	9,75143,82498	3,08095	9,91678,73403	1,43890	9,83465,09095	4,51985	10,16534,90905	10	
21	0	9,75146,90593	3,08063	9,91677,29513	1,43905	9,83469,61080	4,51968	10,16530,38920	0	39
	10	9,75149,98656	3,08031	9,91675,85608	1,43920	9,83474,13048	4,51951	10,16525,86952	50	
	20	9,75153,06687	3,07999	9,91674,41688	1,43935	9,83478,64999	4,51934	10,16521,35001	40	
	30	9,75156,14686	3,07968	9,91672,97753	1,43951	9,83483,16933	4,51919	10,16516,83067	30	
	40	9,75159,22654	3,07936	9,91671,53802	1,43966	9,83487,68852	4,51902	10,16512,31148	20	
	50	9,75162,30590	3,07904	9,91670,09836	1,43981	9,83492,20754	4,51885	10,16507,79246	10	
22	0	9,75165,38494	3,07872	9,91668,65855	1,43996	9,83496,72639	4,51868	10,16503,27361	0	38
	10	9,75168,46366	3,07839	9,91667,21859	1,44011	9,83501,24507	4,51850	10,16498,75493	50	
	20	9,75171,54205	3,07808	9,91665,77848	1,44026	9,83505,76357	4,51834	10,16494,23643	40	
	30	9,75174,62013	3,07775	9,91664,33822	1,44040	9,83510,28191	4,51815	10,16489,71809	30	
	40	9,75177,69788	3,07743	9,91662,89782	1,44055	9,83514,80006	4,51798	10,16485,19994	20	
	50	9,75180,77531	3,07711	9,91661,45727	1,44070	9,83519,31804	4,51781	10,16480,68196	10	
23	0	9,75183,85242	3,07679	9,91660,01657	1,44085	9,83523,83585	4,51764	10,16476,16415	0	37
	10	9,75186,92921	3,07646	9,91658,57572	1,44100	9,83528,35349	4,51746	10,16471,64651	50	
	20	9,75190,00567	3,07615	9,91657,13472	1,44115	9,83532,87095	4,51730	10,16467,12905	40	
	30	9,75193,08182	3,07584	9,91655,69357	1,44131	9,83537,38825	4,51715	10,16462,61175	30	
	40	9,75196,15766	3,07552	9,91654,25226	1,44146	9,83541,90540	4,51698	10,16458,09460	20	
	50	9,75199,23318	3,07520	9,91652,81080	1,44161	9,83546,42238	4,51681	10,16453,57762	10	
24	0	9,75202,30838	3,07488	9,91651,36919	1,44176	9,83550,93919	4,51664	10,16449,06081	0	36
	10	9,75205,38326	3,07456	9,91649,92743	1,44191	9,83555,45583	4,51647	10,16444,54417	50	
	20	9,75208,45782	3,07424	9,91648,48552	1,44206	9,83559,97230	4,51630	10,16440,02770	40	
	30	9,75211,53206	3,07391	9,91647,04346	1,44220	9,83564,48860	4,51611	10,16435,51140	30	
	40	9,75214,60597	3,07359	9,91645,60126	1,44235	9,83569,00471	4,51594	10,16430,99529	20	
	50	9,75217,67956	3,07327	9,91644,15891	1,44250	9,83573,52065	4,51577	10,16426,47935	10	
25	0	9,75220,75283	3,07295	9,91642,71641	1,44265	9,83578,03642	4,51560	10,16421,96358	0	35
	10	9,75223,82578	3,07264	9,91641,27376	1,44280	9,83582,55202	4,51544	10,16417,44798	50	
	20	9,75226,89842	3,07231	9,91639,83096	1,44295	9,83587,06746	4,51526	10,16412,93254	40	
	30	9,75229,97073	3,07200	9,91638,38801	1,44310	9,83591,58272	4,51510	10,16408,41728	30	
	40	9,75233,04273	3,07168	9,91636,94491	1,44326	9,83596,09782	4,51494	10,16403,90218	20	
	50	9,75236,11441	3,07136	9,91635,50165	1,44341	9,83600,61276	4,51477	10,16399,38724	10	
26	0	9,75239,18577	3,07104	9,91634,05824	1,44356	9,83605,12753	4,51460	10,16394,87247	0	34
	10	9,75242,25681	3,07073	9,91632,61468	1,44371	9,83609,64213	4,51444	10,16390,35787	50	
	20	9,75245,32754	3,07040	9,91631,17097	1,44385	9,83614,15657	4,51425	10,16385,84343	40	
	30	9,75248,39794	3,07008	9,91629,72712	1,44400	9,83618,67082	4,51408	10,16381,32918	30	
	40	9,75251,46802	3,06975	9,91628,28312	1,44415	9,83623,18490	4,51390	10,16376,81510	20	
	50	9,75254,53777	3,06944	9,91626,83897	1,44430	9,83627,69880	4,51374	10,16372,30120	10	
27	0	9,75257,60721	3,06912	9,91625,39467	1,44445	9,83632,21254	4,51357	10,16367,78746	0	33
	10	9,75260,67633	3,06880	9,91623,95022	1,44460	9,83636,72611	4,51340	10,16363,27389	50	
	20	9,75263,74513	3,06848	9,91622,50562	1,44475	9,83641,23951	4,51323	10,16358,76049	40	
	30	9,75266,81361	3,06817	9,91621,06087	1,44491	9,83645,75274	4,51308	10,16354,24726	30	
	40	9,75269,88178	3,06786	9,91619,61596	1,44506	9,83650,26582	4,51292	10,16349,73418	20	
	50	9,75272,94964	3,06753	9,91618,17090	1,44521	9,83654,77874	4,51274	10,16345,22126	10	
28	0	9,75276,01717	3,06721	9,91616,72569	1,44536	9,83659,29148	4,51257	10,16340,70852	0	32
	10	9,75279,08438	3,06690	9,91615,28033	1,44551	9,83663,80405	4,51241	10,16336,19595	50	
	20	9,75282,15128	3,06658	9,91613,83482	1,44566	9,83668,31646	4,51224	10,16331,68354	40	
	30	9,75285,21786	3,06625	9,91612,38916	1,44580	9,83672,82870	4,51205	10,16327,17130	30	
	40	9,75288,28411	3,06593	9,91610,94336	1,44595	9,83677,34075	4,51188	10,16322,65925	20	
	50	9,75291,35004	3,06562	9,91609,49741	1,44610	9,83681,85263	4,51172	10,16318,14737	10	
29	0	9,75294,41566	3,06529	9,91608,05131	1,44625	9,83686,36435	4,51154	10,16313,63565	0	31
	10	9,75297,48095	3,06498	9,91606,60506	1,44640	9,83690,87589	4,51138	10,16309,12411	50	
	20	9,75300,54593	3,06466	9,91605,15866	1,44656	9,83695,38727	4,51122	10,16304,61273	40	
	30	9,75303,61059	3,06435	9,91603,71210	1,44671	9,83699,89849	4,51106	10,16300,10151	30	
	40	9,75306,67494	3,06403	9,91602,26539	1,44686	9,83704,40955	4,51089	10,16295,59045	20	
	50	9,75309,73897	3,06371	9,91600,81853	1,44701	9,83708,92044	4,51072	10,16291,07956	10	
30	0	9,75312,80268	3,06339	9,91599,37152	1,44716	9,83713,43116	4,51055	10,16286,56884	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,75312,80268	3,06339	9,91599,37152	1,44716	9,83713,43116	4,51055	10,16286,56884	0	30
	10	9,75315,86607	3,06307	9,91597,92436	1,44731	9,83717,94171	4,51038	10,16282,05829	50	
	20	9,75318,92914	3,06276	9,91596,47705	1,44746	9,83722,45209	4,51022	10,16277,54791	40	
	30	9,75321,99190	3,06244	9,91595,02959	1,44761	9,83726,96231	4,51005	10,16273,03769	30	
	40	9,75325,05434	3,06212	9,91593,58198	1,44776	9,83731,47236	4,50988	10,16268,52764	20	
	50	9;75328,11646	3,06179	9,91592,13422	1,44791	9,83735,98224	4,50970	10,16264,01776	10	
31	0	9,75331,17825	3,06148	9,91590,68631	1,44806	9,83740,49194	4,50954	10,16259,50806	0	29
	10	9,75334,23973	3,06117	9,91589,23825	1,44821	9,83745,00148	4,50938	10,16254,99852	50	
	20	9,75337,30090	3,06084	9,91587,79004	1,44836	9,83749,51086	4,50920	10,16250,48914	40	
	30	9,75340,36174	3,06053	9,91586,34168	1,44851	9,83754,02006	4,50904	10,16245,97994	30	
	40	9,75343,42227	3,06021	9,91584,89317	1,44866	9,83758,52910	4,50887	10,16241,47090	20	
	50	9,75346,48248	3,05990	9,91583,44451	1,44882	9,83763,03797	4,50872	10,16236,96203	10	
32	0	9,75349,54238	3,05959	9,91581,99569	1,44897	9,83767,54669	4,50856	10,16232,45331	0	28
	10	9,75352,60197	3,05926	9,91580,54672	1,44912	9,83772,05525	4,50838	10,16227,94475	50	
	20	9,75355,66123	3,05894	9,91579,09760	1,44926	9,83776,56363	4,50820	10,16223,43637	40	
	30	9,75358,72017	3,05861	9,91577,64834	1,44941	9,83781,07183	4,50802	10,16218,92817	30	
	40	9,75361,77878	3,05830	9,91576,19893	1,44956	9,83785,57985	4,50786	10,16214,42015	20	
	50	9,75364,83708	3,05799	9,91574,74937	1,44971	9,83790,08771	4,50770	10,16209,91229	10	
33	0	9,75367,89507	3,05767	9,91573,29966	1,44986	9,83794,59541	4,50753	10,16205,40459	0	27
	10	9,75370,95274	3,05735	9,91571,84980	1,45001	9,83799,10294	4,50736	10,16200,89706	50	
	20	9,75374,01009	3,05703	9,91570,39979	1,45017	9,83803,61030	4,50720	10,16196,38970	40	
	30	9,75377,06712	3,05672	9,91568,94962	1,45032	9,83808,11750	4,50704	10,16191,88250	30	
	40	9,75380,12384	3,05640	9,91567,49930	1,45047	9,83812,62454	4,50687	10,16187,37546	20	
	50	9,75383,18024	3,05609	9,91566,04883	1,45062	9,83817,13141	4,50671	10,16182,86859	10	
34	0	9,75386,23633	3,05577	9,91564,59821	1,45077	9,83821,63812	4,50654	10,16178,36188	0	26
	10	9,75389,29210	3,05545	9,91563,14744	1,45092	9,83826,14466	4,50637	10,16173,85534	50	
	20	9,75392,34755	3,05513	9,91561,69652	1,45107	9,83830,65103	4,50620	10,16169,34897	40	
	30	9,75395,40268	3,05482	9,91560,24545	1,45122	9,83835,15723	4,50604	10,16164,84277	30	
	40	9,75398,45750	3,05450	9,91558,79423	1,45137	9,83839,66327	4,50587	10,16160,33673	20	
	50	9,75401,51200	3,05418	9,91557,34286	1,45152	9,83844,16914	4,50570	10,16155,83086	10	
35	0	9,75404,56618	3,05388	9,91555,89134	1,45168	9,83848,67484	4,50556	10,16151,32516	0	25
	10	9,75407,62006	3,05355	9,91554,43966	1,45183	9,83853,18040	4,50538	10,16146,81960	50	
	20	9,75410,67361	3,05323	9,91552,98783	1,45197	9,83857,68578	4,50520	10,16142,31422	40	
	30	9,75413,72684	3,05291	9,91551,53586	1,45212	9,83862,19098	4,50503	10,16137,80902	30	
	40	9,75416,77975	3,05259	9,91550,08374	1,45227	9,83866,69601	4,50486	10,16133,30399	20	
	50	9,75419,83234	3,05228	9,91548,63147	1,45242	9,83871,20087	4,50470	10,16128,79913	10	
36	0	9,75422,88462	3,05196	9,91547,17905	1,45257	9,83875,70557	4,50453	10,16124,29443	0	24
	10	9,75425,93658	3,05165	9,91545,72648	1,45273	9,83880,21010	4,50438	10,16119,78990	50	
	20	9,75428,98823	3,05134	9,91544,27375	1,45288	9,83884,71448	4,50422	10,16115,28552	40	
	30	9,75432,03957	3,05101	9,91542,82087	1,45303	9,83889,21870	4,50404	10,16110,78130	30	
	40	9,75435,09058	3,05070	9,91541,36784	1,45318	9,83893,72274	4,50388	10,16106,27726	20	
	50	9,75438,14128	3,05039	9,91539,91466	1,45333	9,83898,22662	4,50372	10,16101,77338	10	
37	0	9,75441,19167	3,05008	9,91538,46133	1,45349	9,83902,73034	4,50357	10,16097,26966	0	23
	10	9,75444,24175	3,04975	9,91537,00784	1,45363	9,83907,23391	4,50338	10,16092,76609	50	
	20	9,75447,29150	3,04943	9,91535,55421	1,45378	9,83911,73729	4,50321	10,16088,26271	40	
	30	9,75450,34093	3,04911	9,91534,10043	1,45393	9,83916,24050	4,50304	10,16083,75950	30	
	40	9,75453,39004	3,04880	9,91532,64650	1,45408	9,83920,74354	4,50288	10,16079,25646	20	
	50	9,75456,43884	3,04849	9,91531,19242	1,45423	9,83925,24642	4,50272	10,16074,75358	10	
38	0	9,75459,48733	3,04817	9,91529,73819	1,45438	9,83929,74914	4,50255	10,16070,25086	0	22
	10	9,75462,53550	3,04785	9,91528,28381	1,45453	9,83934,25169	4,50238	10,16065,74831	50	
	20	9,75465,58335	3,04753	9,91526,82928	1,45468	9,83938,75407	4,50221	10,16061,24593	40	
	30	9,75468,63088	3,04722	9,91525,37460	1,45484	9,83943,25628	4,50206	10,16056,74372	30	
	40	9,75471,67810	3,04691	9,91523,91976	1,45499	9,83947,75834	4,50190	10,16052,24166	20	
	50	9,75474,72501	3,04659	9,91522,46477	1,45514	9,83952,26024	4,50173	10,16047,73976	10	
39	0	9,75477,77160	3,04628	9,91521,00963	1,45530	9,83956,76197	4,50158	10,16043,23803	0	21
	10	9,75480,81788	3,04596	9,91519,55433	1,45544	9,83961,26355	4,50140	10,16038,73645	50	
	20	9,75483,86384	3,04565	9,91518,09889	1,45559	9,83965,76495	4,50124	10,16034,23505	40	
	30	9,75486,90949	3,04533	9,91516,64330	1,45574	9,83970,26619	4,50107	10,16029,73381	30	
	40	9,75489,95482	3,04501	9,91515,18756	1,45589	9,83974,76726	4,50090	10,16025,23274	20	
	50	9,75492,99983	3,04469	9,91513,73167	1,45604	9,83979,26816	4,50073	10,16020,73184	10	
40	0	9,75496,04452	3,04437	9,91512,27563	1,45619	9,83983,76889	4,50056	10,16016,23111	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
40	0	9,75496,04452	3,04437	9,91512,27563	1,45619	9,83983,76889	4,50056	10,16016,23111	0	20
	10	9,75499,08889	3,04406	9,91510,81944	1,45634	9,83988,26945	4,50040	10,16011,73055	50	
	20	9,75502,13295	3,04376	9,91509,36310	1,45650	9,83992,76985	4,50026	10,16007,23015	40	
	30	9,75505,17671	3,04344	9,91507,90660	1,45665	9,83997,27011	4,50009	10,16002,72989	30	
	40	9,75508,22015	3,04312	9,91506,44995	1,45680	9,84001,77020	4,49992	10,15998,22980	20	
	50	9,75511,26327	3,04280	9,91504,99315	1,45695	9,84006,27012	4,49975	10,15993,72988	10	
41	0	9,75514,30607	3,04250	9,91503,53620	1,45711	9,84010,76987	4,49961	10,15989,23013	0	19
	10	9,75517,34857	3,04218	9,91502,07909	1,45726	9,84015,26948	4,49944	10,15984,73052	50	
	20	9,75520,39075	3,04186	9,91500,62183	1,45740	9,84019,76892	4,49926	10,15980,23108	40	
	30	9,75523,43261	3,04154	9,91499,16443	1,45755	9,84024,26818	4,49909	10,15975,73182	30	
	40	9,75526,47415	3,04122	9,91497,70688	1,45770	9,84028,76727	4,49892	10,15971,23273	20	
	50	9,75529,51537	3,04091	9,91496,24918	1,45785	9,84033,26619	4,49876	10,15966,73381	10	
42	0	9,75532,55628	3,04059	9,91494,79133	1,45800	9,84037,76495	4.49859	10,15962,23505	0	18
	10	9,75535,59687	3,04029	9,91493,33333	1,45816	9,84042,26354	4,49845	10,15957,73646	50	
	20	9,75538,63716	3,03997	9,91491,87517	1,45831	9,84046,76199	4,49828	10,15953,23801	40	
	30	9,75541,67713	3,03966	9,91490,41686	1.45846	9,84051,26027	4,49812	10,15948,73973	30	
	40	9,75544,71679	3,03933	9,91488,95840	1,45861	9,84055,75839	4,49794	10,15944,24161	20	
	50	9,75547,75612	3,03902	9,91487,49979	1,45876	9,84060,25633	4,49778	10,15939,74367	10	
43	0	9,75550,79514	3,03871	9,91486,04103	1,45891	9,84064,75411	4,49762	10,15935,24589	0	17
	10	9,75553,83385	3,03839	9,91484,58212	1,45906	9,84069,25173	4,49745	10,15930,74827	50	
	20	9,75556,87224	3,03808	9,91483,12306	1,45921	9,84073,74918	4,49729	10,15926,25082	40	
	30	9,75559,91032	3,03777	9,91481,66385	1,45937	9,84078,24647	4 49714	10,15921,75353	30	
	40	9,75562,94809	3,03746	9,91480,20448	1,45952	9,84082,74361	4,49698	10,15917,25639	20	
	50	9,75565,98555	3,03713	9,91478,74496	1,45967	9,84087,24059	4,49680	10,15912,75941	10	
44	0	9,75569,02268	3,03682	9,91477,28529	1,45982	9,84091,73739	4,49664	10,15908,26261	0	16
	10	9,75572,05950	3,03651	9,91475,82547	1,45997	9,84096,23403	4,49648	10,15903,76597	50	
	20	9,75575,09601	3,03619	9,91474,36550	1,46012	9,84100,73051	4,49631	10,15899,26949	40	
	30	9,75578,13220	3,03587	9,91472,90538	1,46027	9,84105,22682	4,49614	10,15894,77318	30	
	40	9,75581,16807	3,03557	9,91471,44511	1,46042	9,84109,72296	4,49599	10,15890,27704	20	
	50	9,75584,20364	3,03526	9,91469,98469	1,46058	9,84114,21895	4,49584	10,15885,78105	10	
45	0	9,75587,23890	3,03495	9,91468,52411	1,46073	9,84118,71479	4,49568	10,15881,28521	0	15
	10	9,75590,27385	3,03462	9,91467,06338	1,46088	9,84123,21047	4,49550	10,15876,78953	50	
	20	9,75593,30847	3,03430	9,91465,60250	1,46103	9,84127,70597	4,49533	10,15872,29403	40	
	30	9,75596,34277	3.03399	9,91464,14147	1,46118	9,84132,20130	4,49517	10,15867,79870	30	
	40	9,75599,37676	3,03368	9,91462,68029	1,46133	9,84136,69647	4,49501	10,15863,30353	20	
	50	9,75602,41044	3,03336	9,91461,21896	1,46148	9,84141,19148	4,49484	10,15858,80852	10	
46	0	9,75605,44380	3,03305	9,91459,75748	1,46163	9,84145,68632	4,49468	10,15854,31368	0	14
	10	9,75608,47685	3,03273	9,91458,29585	1,46178	9,84150,18100	4,49451	10,15849,81900	50	
	20	9,75611,50958	3,03243	9,91456,83407	1,46194	9,84154,67551	4,49437	10,15845,32449	40	
	30	9,75614.54201	3,03211	9,91455,37213	1,46209	9,84159,16988	4,49420	10,15840,83012	30	
	40	9,75617,57412	3,03180	9,91453,91004	1,46224	9,84163,66408	4,49404	10,15836,33592	20	
	50	9,75620,60592	3,03149	9,91452,44780	1,46239	9,84168,15812	4,49388	10,15831,84188	10	
47	0	9,75623,63741	3,03117	9,91450,98541	1,46254	9,84172,65200	4,49371	10,15827,34800	0	13
	10	9,75626,66858	3,03085	9,91449,52287	1,46269	9,84177,14571	4,49354	10,15822,85429	50	
	20	9,75629,69943	3,03054	9,91448,06018	1,46284	9,84181,63925	4,49338	10,15818,36075	40	
	30	9,75632,72997	3,03023	9,91446,59734	1,46300	9,84186,13263	4,49323	10,15813,86737	30	
	40	9,75635,76020	3,02992	9,91445,13434	1,46315	9,84190,62586	4,49307	10,15809,37414	20	
	50	9,75638,79012	3,02960	9,91443,67119	1,46330	9,84195,11893	4,49290	10,15804,88107	10	
48	0	9,75641,81972	3,02929	9,91442,20789	1,46345	9,84199,61183	4,49274	10,15800,38817	0	12
	10	9,75644,84901	3,02897	9,91440,74444	1,46360	9,84204,10457	4,49257	10,15795,89543	50	
	20	9,75647,87798	3,02866	9,91439,28084	1,46375	9,84208,59714	4,49241	10,15791,40286	40	
	30	9,75650,90664	3,02834	9,91437,81709	1,46390	9,84213,08955	4,49224	10,15786,91045	30	
	40	9,75653,93498	3,02804	9,91436,35319	1,46406	9,84217,58179	4,49210	10,15782,41821	20	
	50	9,75656,96302	3,02773	9,91434,88913	1,46421	9,84222,07389	4,49194	10,15777,92611	10	
49	0	9,75659,99075	3,02741	9,91433,42492	1,46436	9,84226,56583	4,49177	10,15773,43417	0	11
	10	9,75663,01816	3,02710	9,91431,96056	1,46451	9,84231,05760	4,49161	10,15768,94240	50	
	20	9,75666,04526	3,02678	9,91430,49605	1,46466	9,84235,54921	4,49144	10,15764,45079	40	
	30	9,75669,07204	3,02647	9,91429,03139	1,46481	9,84240,04065	4,49128	10,15759,95935	30	
	40	9,75672,09851	3,02615	9,91427,56658	1,46496	9,84244,53193	4,49111	10,15755,46807	20	
	50	9,75675,12466	3,02585	9,91426,10162	1,46512	9,84249,02304	4,49097	10,15750,97696	10	
50	0	9,75678,15051	3,02553	9,91424,63650	1,46527	9,84253,51401	4,49080	10,15746,48599	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,75678,15051	3,02553	9,91424,63650	1,46527	9,84253,51401	4,49080	10,15746,48599	0	10
	10	9,75681,17604	3,02522	9,91423,17123	1,46542	9,84258,00481	4,49064	10,15741,99519	50	
	20	9,75684,20126	3,02491	9,91421,70581	1,46557	9,84262,49545	4,49048	10,15737,50455	40	
	30	9,75687,22617	3,02459	9,91420,24024	1,46572	9,84266,98593	4,49031	10,15733,01407	30	
	40	9,75690,25076	3,02428	9,91418,77452	1,46587	9,84271,47624	4,49015	10,15728,52376	20	
	50	9,75693,27504	3,02396	9,91417,30865	1,46602	9,84275,96639	4,48998	10,15724,03361	10	
51	0	9,75696,29900	3,02366	9,91415,84263	1,46618	9,84280,45637	4,48984	10,15719,54363	0	9
	10	9,75699,32266	3,02335	9,91414,37645	1,46633	9,84284,94621	4,48968	10,15715,05379	50	
	20	9,75702,34601	3,02303	9,91412,91012	1,46648	9,84289,43589	4,48951	10,15710,56411	40	
	30	9,75705,36904	3,02271	9,91411,44364	1,46663	9,84293,92540	4,48934	10,15706,07460	30	
	40	9,75708,39175	3,02240	9,91409,97701	1,46678	9,84298,41474	4,48918	10,15701,58526	20	
	50	9,75711,41415	3,02209	9,91408,51023	1,46693	9,84302,90392	4,48902	10,15697,09608	10	
52	0	9,75714,43624	3,02178	9,91407,04330	1,46709	9,84307,39294	4,48887	10,15692,60706	0	8
	10	9,75717,45802	3,02147	9,91405,57621	1,46724	9,84311,88181	4,48871	10,15688,11819	50	
	20	9,75720,47949	3,02116	9,91404,10897	1,46739	9,84316,37052	4,48855	10,15683,62948	40	
	30	9,75723,50065	3,02084	9,91402,64158	1,46754	9,84320,85907	4,48838	10,15679,14093	30	
	40	9,75726,52149	3,02053	9,91401,17404	1,46769	9,84325,34745	4,48822	10,15674,65255	20	
	50	9,75729,54202	3,02021	9,91399,70635	1,46784	9,84329,83567	4,48805	10,15670,16433	10	
53	0	9,75732,56223	3,01991	9,91398,23851	1,46800	9,84334,32372	4,48791	10,15665,67628	0	7
	10	9,75735,58214	3,01960	9,91396,77051	1,46815	9,84338,81163	4,48775	10,15661,18837	50	
	20	9,75738,60174	3,01928	9,91395,30236	1,46830	9,84343,29938	4,48758	10,15656,70062	40	
	30	9,75741,62102	3,01897	9,91393,83406	1,46845	9,84347,78696	4,48742	10,15652,21304	30	
	40	9,75744,63999	3,01866	9,91392,36561	1,46860	9,84352,27438	4,48726	10,15647,72562	20	
	50	9,75747,65865	3,01835	9,91390,89701	1,46876	9,84356,76164	4,48711	10,15643,23836	10	
54	0	9,75750,67700	3,01804	9,91389,42825	1,46891	9,84361,24875	4,48695	10,15638,75125	0	6
	10	9,75753,69504	3,01772	9,91387,95934	1,46906	9,84365,73570	4,48678	10,15634,26430	50	
	20	9,75756,71276	3,01741	9,91386,49028	1,46921	9,84370,22248	4,48662	10,15629,77752	40	
	30	9,75759,73017	3,01710	9,91385,02107	1,46936	9,84374,70910	4,48646	10,15625,29090	30	
	40	9,75762,74727	3,01679	9,91383,55171	1,46951	9,84379,19556	4,48630	10,15620,80444	20	
	50	9,75765,76406	3,01647	9,91382,08220	1,46966	9,84383,68186	4,48613	10,15616,31814	10	
55	0	9,75768,78053	3,01617	9,91380,61254	1,46982	9,84388,16799	4,48599	10,15611,83201	0	5
	10	9,75771,79670	3,01585	9,91379,14272	1,46997	9,84392,65398	4,48582	10,15607,34602	50	
	20	9,75774,81255	3,01554	9,91377,67275	1,47012	9,84397,13980	4,48566	10,15602,86020	40	
	30	9,75777,82809	3,01523	9,91376,20263	1,47027	9,84401,62546	4,48550	10,15598,37454	30	
	40	9,75780,84332	3,01491	9,91374,73236	1,47042	9,84406,11096	4,48533	10,15593,88904	20	
	50	9,75783,85823	3,01461	9,91373,26194	1,47058	9,84410,59629	4,48519	10,15589,40371	10	
56	0	9,75786,87284	3,01430	9,91371,79136	1,47073	9,84415,08148	4,48503	10,15584,91852	0	4
	10	9,75789,88714	3,01399	9,91370,32063	1,47088	9,84419,56651	4,48487	10,15580,43349	50	
	20	9,75792,90113	3,01367	9,91368,84975	1,47103	9,84424,05138	4,48470	10,15575,94862	40	
	30	9,75795,91480	3,01336	9,91367,37872	1,47118	9,84428,53608	4,48454	10,15571,46392	30	
	40	9,75798,92816	3,01306	9,91365,90754	1,47134	9,84433,02062	4,48440	10,15566,97938	20	
	50	9,75801,94122	3,01274	9,91364,43620	1,47149	9,84437,50502	4,48423	10,15562,49498	10	
57	0	9,75804,95396	3,01243	9,91362,96471	1,47164	9,84441,98925	4,48407	10,15558,01075	0	3
	10	9,75807,96639	3,01212	9,91361,49307	1,47179	9,84446,47332	4,48391	10,15553,52668	50	
	20	9,75810,97851	3,01180	9,91360,02128	1,47194	9,84450,95723	4,48374	10,15549,04277	40	
	30	9,75813,99031	3,01150	9,91358,54934	1,47210	9,84455,44097	4,48360	10,15544,55903	30	
	40	9,75817,00181	3,01119	9,91357,07724	1,47225	9,84459,92457	4,48344	10,15540,07543	20	
	50	9,75820,01300	3,01087	9,91355,60499	1,47240	9,84464,40801	4,48327	10,15535,59199	10	
58	0	9,75823,02387	3,01056	9,91354,13259	1,47255	9,84468,89128	4,48311	10,15531,10872	0	2
	10	9,75826,03443	3,01025	9,91352,66004	1,47270	9,84473,37439	4,48295	10,15526,62561	50	
	20	9,75829,04468	3,00995	9,91351,18734	1,47286	9,84477,85734	4,48281	10,15522,14266	40	
	30	9,75832,05463	3,00963	9,91349,71448	1,47301	9,84482,34015	4,48264	10,15517,65985	30	
	40	9,75835,06426	3,00932	9,91348,24147	1,47316	9,84486,82279	4,48248	10,15513,17721	20	
	50	9,75838,07358	3,00901	9,91346,76831	1,47331	9,84491,30527	4,48232	10,15508,69473	10	
59	0	9,75841,08259	3,00870	9,91345,29500	1,47346	9,84495,78759	4,48216	10,15504,21241	0	1
	10	9,75844,09129	3,00839	9,91343,82154	1,47362	9,84500,26975	4,48201	10,15499,73025	50	
	20	9,75847,09968	3,00808	9,91342,34792	1,47377	9,84504,75176	4,48185	10,15495,24824	40	
	30	9,75850,10776	3,00777	9,91340,87415	1,47392	9,84509,23361	4,48169	10,15490,76639	30	
	40	9,75853,11553	3,00746	9,91339,40023	1,47407	9,84513,71530	4,48153	10,15486,28470	20	
	50	9,75856,12299	3,00714	9,91337,92616	1,47422	9,84518,19683	4,48136	10,15481,80317	10	
60	0	9,75859,13013	3,00683	9,91336,45194	1,47437	9,84522,67819	4,48120	10,15477,32181	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,75859,13013	3,00683	9,91336,45194	1,47437	9,84522,67819	4,48120	10,15477,32181	0	60
	10	9,75862,13696	3,00653	9,91334,97757	1,47453	9,84527,15939	4,48106	10,15472,84061	50	
	20	9,75865,14349	3,00622	9,91333,50304	1,47468	9,84531,64045	4,48090	10,15468,35955	40	
	30	9,75868,14971	3,00591	9,91332,02836	1,47483	9,84536,12135	4,48074	10,15463,87865	30	
	40	9,75871,15562	3,00560	9,91330,55353	1,47499	9,84540,60209	4,48059	10,15459,39791	20	
	50	9,75874,16122	3,00528	9,91329,07854	1,47514	9,84545,08268	4,48042	10,15454,91732	10	
1	0	9,75877,16650	3,00499	9,91327,60340	1,47529	9,84549,56310	4,48028	10,15450,43690	0	59
	10	9,75880,17149	3,00466	9,91326,12811	1,47544	9,84554,04338	4,48010	10,15445,95662	50	
	20	9,75883,17615	3,00435	9,91324,65267	1,47559	9,84558,52348	4,47994	10,15441,47652	40	
	30	9,75886,18050	3,00405	9,91323,17708	1,47575	9,84563,00342	4,47980	10,15436,99658	30	
	40	9,75889,18455	3,00374	9,91321,70133	1,47590	9,84567,48322	4,47964	10,15432,51678	20	
	50	9,75892,18829	3,00343	9,91320,22543	1,47605	9,84571,96286	4,47948	10,15428,03714	10	
2	0	9,75895,19172	3,00312	9,91318,74938	1,47620	9,84576,44234	4,47932	10,15423,55766	0	58
	10	9,75898,19484	3,00281	9,91317,27318	1,47636	9,84580,92166	4,47917	10,15419,07834	50	
	20	9,75901,19765	3,00250	9,91315,79682	1,47651	9,84585,40083	4,47901	10,15414,59917	40	
	30	9,75904,20015	3,00219	9,91314,32031	1,47666	9,84589,87984	4,47885	10,15410,12016	30	
	40	9,75907,20234	3,00188	9,91312,84365	1,47681	9,84594,35869	4,47869	10,15405,64131	20	
	50	9,75910,20422	3,00156	9,91311,36684	1,47696	9,84598,83738	4,47852	10,15401,16262	10	
3	0	9,75913,20578	3,00125	9,91309,88988	1,47711	9,84603,31590	4,47836	10,15396,68410	0	57
	10	9,75916,20703	3,00095	9,91308,41277	1,47727	9,84607,79426	4,47822	10,15392,20574	50	
	20	9,75919,20798	3,00064	9,91306,93550	1,47742	9,84612,27248	4,47806	10,15387,72752	40	
	30	9,75922,20862	3,00034	9,91305,45808	1,47757	9,84616,75054	4,47791	10,15383,24946	30	
	40	9,75925,20896	3,00003	9,91303,98051	1,47773	9,84621,22845	4,47776	10,15378,77155	20	
	50	9,75928,20899	2,99971	9,91302,50278	1,47788	9,84625,70621	4,47759	10,15374,29379	10	
4	0	9,75931,20870	2,99940	9,91301,02490	1,47803	9,84630,18380	4,47743	10,15369,81620	0	56
	10	9,75934,20810	2,99909	9,91299,54687	1,47818	9,84634,66123	4,47727	10,15365,33877	50	
	20	9,75937,20719	2,99879	9,91298,06869	1,47834	9,84639,13850	4,47713	10,15360,86150	40	
	30	9,75940,20598	2,99848	9,91296,59035	1,47849	9,84643,61563	4,47697	10,15356,38437	30	
	40	9,75943,20446	2,99817	9,91295,11186	1,47864	9,84648,09260	4,47681	10,15351,90740	20	
	50	9,75946,20263	2,99785	9,91293,63322	1,47879	9,84652,56941	4,47664	10,15347,43059	10	
5	0	9,75949,20048	2,99754	9,91292,15443	1,47894	9,84657,04605	4,47648	10,15342,95395	0	55
	10	9,75952,19802	2,99724	9,91290,67549	1,47910	9,84661,52253	4,47634	10,15338,47747	50	
	20	9,75955,19526	2,99694	9,91289,19639	1,47925	9,84665,99887	4,47619	10,15334,00113	40	
	30	9,75958,19220	2,99662	9,91287,71714	1,47940	9,84670,47506	4,47602	10,15329,52494	30	
	40	9,75961,18882	2,99632	9,91286,23774	1,47956	9,84674,95108	4,47588	10,15325,04892	20	
	50	9,75964,18514	2,99601	9,91284,75818	1,47971	9,84679,42696	4,47572	10,15320,57304	10	
6	0	9,75967,18115	2,99570	9,91283,27847	1,47986	9,84683,90268	4,47556	10,15316,09732	0	54
	10	9,75970,17685	2,99539	9,91281,79861	1,48001	9,84688,37824	4,47540	10,15311,62176	50	
	20	9,75973,17224	2,99506	9,91280,31860	1,48016	9,84692,85364	4,47522	10,15307,14636	40	
	30	9,75976,16730	2,99476	9,91278,83844	1,48031	9,84697,32886	4,47507	10,15202,67114	30	
	40	9,75979,16206	2,99446	9,91277,35813	1,48047	9,84701,80393	4,47493	10,15298,19607	20	
	50	9,75982,15652	2,99417	9,91275,87766	1,48063	9,84706,27886	4,47480	10,15293,72114	10	
7	0	9.75985,15069	2,99386	9,91274,39703	1,48079	9,84710,75366	4,47465	10,15289,24634	0	53
	10	9,75988,14455	2,99354	9,91272,91624	1,48093	9,84715,22831	4,47447	10,15284,77169	50	
	20	9,75991,13809	2,99322	9,91271,43531	1,48108	9,84719,70278	4,47430	10,15280,29722	40	
	30	9,75994,13131	2,99292	9,91269,95423	1,48123	9,84724,17708	4,47415	10,15275,82292	30	
	40	9,75997,12423	2,99261	9,91268,47300	1,48138	9,84728,65123	4,47399	10,15271,34877	20	
	50	9,76000,11684	2,99229	9,91266,99162	1,48153	9,84733,12522	4,47382	10,15266,87478	10	
8	0	9,76003,10913	2,99198	9,91265,51009	1,48168	9,84737,59904	4,47366	10,15262,40096	0	52
	10	9,76006,10111	2,99168	9,91264,02841	1,48184	9,84742,07270	4,47352	10,15257,92730	50	
	20	9,76009,09279	2,99139	9,91262,54657	1,48200	9,84746,54622	4,47339	10,15253,45378	40	
	30	9,76012,08418	2,99107	9,91261,06457	1,48215	9,84751,01961	4,47322	10,15248,98039	30	
	40	9,76015,07525	2,99076	9,91259,58242	1,48230	9,84755,49283	4,47306	10,15244,50717	20	
	50	9,76018,06601	2,99046	9,91258,10012	1,48246	9,84759,96589	4,47292	10,15240,03411	10	
9	0	9,76021,05647	2,99015	9,91256,61766	1,48261	9,84764,43881	4,47276	10,15235,56119	0	51
	10	9,76024,04662	2,98984	9,91255,13505	1,48276	9,84768,91157	4,47260	10,15231,08843	50	
	20	9,76027,03646	2,98953	9,91253,65229	1,48291	9,84773,38417	4,47244	10,15226,61583	40	
	30	9,76030,02590	2,98922	9,91252,16938	1,48306	9,84777,85661	4,47228	10,15222,14339	30	
	40	9,76033,01521	2,98892	9,91250,68632	1,48322	9,84782,32889	4,47214	10,15217,67111	20	
	50	9,76036,00413	2,98860	9,91249,20310	1,48337	9,84786,80103	4,47197	10,15213,19897	10	
10	0	9,76038,99273	2,98829	9,91247,71973	1,48352	9,84791,27300	4,47181	10,15208,72700	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,76038,99273	2,98829	9,91247,71973	1,48352	9,84791,27300	4,47181	10,15208,72700	0	50
	10	9,76041,98102	2,98798	9,91246,23621	1,48367	9,84795,74481	4,47165	10,15204,25519	50	
	20	9,76044,96900	2,98770	9,91244,75254	1,48383	9,84800,21646	4,47153	10,15199,78354	40	
	30	9,76047,95670	2,98738	9,91243,26871	1,48398	9,84804,68799	4,47136	10,15195,31201	30	
	40	9,76050,94408	2,98707	9,91241,78473	1,48414	9,84809,15935	4,47121	10,15190,84065	20	
	50	9,76053,93115	2,98677	9,91240,30059	1,48429	9,84813,63056	4,47106	10,15186,36944	10	
11	0	9,76056,91792	2,98646	9,91238,81630	1,48444	9,84818,10162	4,47090	10,15181,89838	0	49
	10	9,76059,90438	2,98615	9,91237,33186	1,48460	9,84822,57252	4,47075	10,15177,42748	50	
	20	9,76062,89053	2,98583	9,91235,84726	1,48474	9,84827,04327	4,47057	10,15172,95673	40	
	30	9,76065,87636	2,98553	9,91234,36252	1,48490	9,84831,51384	4,47043	10,15168,48616	30	
	40	9,76068,86189	2,98522	9,91232,87762	1,48505	9,84835,98427	4,47027	10,15164,01573	20	
	50	9,76071,84711	2,98492	9,91231,39257	1,48520	9,84840,45454	4,47012	10,15159,54546	10	
12	0	9,76074,83203	2,98461	9,91229,90737	1,48535	9,84844,92466	4,46996	10,15155,07534	0	48
	10	9,76077,81664	2,98430	9,91228,42202	1,48551	9,84849,39462	4,46981	10,15150,60538	50	
	20	9,76080,80094	2,98399	9,91226,93651	1,48566	9,84853,86443	4,46965	10,15146,13557	40	
	30	9,76083,78493	2,98369	9,91225,45085	1,48582	9,84858,33408	4,46951	10,15141,66592	30	
	40	9,76086,76862	2,98338	9,91223,96503	1,48597	9,84862,80359	4,46935	10,15137,19641	20	
	50	9,76089,75200	2,98309	9,91222,47906	1,48613	9,84867,27294	4,46922	10,15132,72706	10	
13	0	9,76092,73509	2,98278	9,91220,99293	1,48628	9,84871,74216	4,46906	10,15128,25784	0	47
	10	9,76095,71787	2,98246	9,91219,50665	1,48643	9,84876,21122	4,46889	10,15123,78878	50	
	20	9,76098,70033	2,98215	9,91218,02022	1,48658	9,84880,68011	4,46873	10,15119,31989	40	
	30	9,76101,68248	2,98184	9,91216,53364	1,48673	9,84885,14884	4,46857	10,15114,85116	30	
	40	9,76104,66432	2,98153	9,91215,04691	1,48688	9,84889,61741	4,46841	10,15110,38259	20	
	50	9,76107,64585	2,98124	9,91213,56003	1,48704	9,84894,08582	4,46828	10,15105,91418	10	
14	0	9,76110,62709	2,98092	9,91212,07299	1,48719	9,84898,55410	4,46811	10,15101,44590	0	46
	10	9,76113,60801	2,98062	9,91210,58580	1,48735	9,84903,02221	4,46797	10,15096,97779	50	
	20	9,76116,58863	2,98032	9,91209,09845	1,48750	9,84907,49018	4,46782	10,15092,50982	40	
	30	9,76119,56895	2,98001	9,91207,61095	1,48765	9,84911,95800	4,46766	10,15088,04200	30	
	40	9,76122,54896	2,97970	9,91206,12330	1,48780	9,84916,42566	4,46750	10,15083,57434	20	
	50	9,76125,52866	2,97939	9,91204,63550	1,48796	9,84920,89316	4,46735	10,15079,10684	10	
15	0	9,76128,50805	2,97908	9,91203,14754	1,48811	9,84925,36051	4,46719	10,15074,63949	0	45
	10	9,76131,48713	2,97878	9,91201,65943	1,48826	9,84929,82770	4,46704	10,15070,17230	50	
	20	9,76134,46591	2,97848	9,91200,17117	1,48842	9,84934,29474	4,46690	10,15065,70526	40	
	30	9,76137,44439	2,97817	9,91198,68275	1,48857	9,84938,76164	4,46674	10,15061,23836	30	
	40	9,76140,42256	2,97786	9,91197,19418	1,48872	9,84943,22838	4,46658	10,15056,77162	20	
	50	9,76143,40042	2,97756	9,91195,70546	1,48888	9,84947,69496	4,46644	10,15052,30504	10	
16	0	9,76146,37798	2,97725	9,91194,21658	1,48903	9,84952,16140	4,46628	10,15047,83860	0	44
	10	9,76149,35523	2,97695	9,91192,72755	1,48918	9,84956,62768	4,46613	10,15043,37232	50	
	20	9,76152,33218	2,97663	9,91191,23837	1,48933	9,84961,09381	4,46596	10,15038,90619	40	
	30	9,76155,30881	2,97633	9,91189,74904	1,48949	9,84965,55977	4,46582	10,15034,44023	30	
	40	9,76158,28514	2,97602	9,91188,25955	1,48964	9,84970,02559	4,46566	10,15029,97441	20	
	50	9,76161,26116	2,97573	9,91186,76991	1,48980	9,84974,49125	4,46553	10,15025,50875	10	
17	0	9,76164,23689	2,97542	9,91185,28011	1,48995	9,84978,95678	4,46537	10,15021,04322	0	43
	10	9,76167,21231	2,97511	9,91183,79016	1,49010	9,84983,42215	4,46521	10,15016,57785	50	
	20	9,76170,18742	2,97479	9,91182,30006	1,49025	9,84987,88736	4,46504	10,15012,11264	40	
	30	9,76173,16221	2,97449	9,91180,80981	1,49041	9,84992,35240	4,46490	10,15007,64760	30	
	40	9,76176,13670	2,97419	9,91179,31940	1,49056	9,84996,81730	4,46475	10,15003,18270	20	
	50	9,76179,11089	2,97389	9,91177,82884	1,49072	9,85001,28205	4,46461	10,14998,71795	10	
18	0	9,76182,08478	2,97357	9,91176,33812	1,49086	9,85005,74666	4,46443	10,14994,25334	0	42
	10	9,76185,05835	2,97327	9,91174,84726	1,49102	9,85010,21109	4,46429	10,14989,78891	50	
	20	9,76188,03162	2,97297	9,91173,35624	1,49117	9,85014,67538	4,46414	10,14985,32462	40	
	30	9,76191,00459	2,97267	9,91171,86507	1,49133	9,85019,13952	4,46400	10,14980,86048	30	
	40	9,76193,97726	2,97236	9,91170,37374	1,49148	9,85023,60352	4,46384	10,14976,39648	20	
	50	9,76196,94962	2,97205	9,91168,88226	1,49164	9,85028,06736	4,46369	10,14971,93264	10	
19	0	9,76199,92167	2,97175	9,91167,39062	1,49179	9,85032,53105	4,46354	10,14967,46895	0	41
	10	9,76202,89342	2,97144	9,91165,89883	1,49194	9,85036,99459	4,46338	10,14963,00541	50	
	20	9,76205,86486	2,97113	9,91164,40689	1,49209	9,85041,45797	4,46322	10,14958,54203	40	
	30	9,76208,83599	2,97083	9,91162,91480	1,49225	9,85045,92119	4,46308	10,14954,07881	30	
	40	9,76211,80682	2,97052	9,91161,42255	1,49240	9,85050,38427	4,46292	10,14949,61573	20	
	50	9,76214,77734	2,97022	9,91159,93015	1,49255	9,85054,84719	4,46277	10,14945,15281	10	
20	0	9,76217,74756	2,96991	9,91158,43760	1,49270	9,85059,30996	4,46261	10,14940,69004	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,76217,74756	2,96991	9,91158,43760	1,49270	9,85059,30996	4,46261	10,14940,69004	0	40
	10	9,76220,71747	2,96961	9,91156,94490	1,49286	9,85063,77257	4,46247	10,14936,22743	50	
	20	9,76223,68708	2,96929	9,91155,45204	1,49301	9,85068,23504	4,46230	10,14931,76496	40	
	30	9,76226,65637	2,96900	9,91153,95903	1,49317	9,85072,69734	4,46217	10,14927,30266	30	
	40	9,76229,62537	2,96870	9,91152,46586	1,49332	9,85077,15951	4,46202	10,14922,84049	20	
	50	9,76232,59407	2,96839	9,91150,97254	1,49348	9,85081,62153	4,46187	10,14918,37847	10	
21	0	9,76235,56246	2,96808	9,91149,47906	1,49363	9,85086,08340	4,46171	10,14913,91660	0	39
	10	9,76238,53054	2,96778	9,91147,98543	1,49378	9,85090,54511	4,46156	10,14909,45489	50	
	20	9,76241,49832	2,96747	9,91146,49165	1,49393	9,85095,00667	4,46140	10,14904,99333	40	
	30	9,76244,46579	2,96717	9,91144,99772	1,49409	9,85099,46807	4,46126	10,14900,53193	30	
	40	9,76247,43296	2,96686	9,91143,50363	1,49424	9,85103,92933	4,46110	10,14896,07067	20	
	50	9,76250,39982	2,96657	9,91142,00939	1,49440	9,85108,39043	4,46097	10,14891,60957	10	
22	0	9,76253,36639	2,96626	9,91140,51499	1,49455	9,85112,85140	4,46081	10,14887,14860	0	38
	10	9,76256,33265	2,96595	9,91139,02044	1,49470	9,85117,31221	4,46065	10,14882,68779	50	
	20	9,76259,29860	2,96563	9,91137,52574	1,49485	9,85121,77286	4,46048	10,14878,22714	40	
	30	9,76262,26423	2,96534	9,91136,03089	1,49501	9,85126,23334	4,46035	10,14873,76666	30	
	40	9,76265,22957	2,96503	9,91134,53588	1,49516	9,85130,69369	4,46019	10,14869,30631	20	
	50	9,76268,19460	2,96474	9,91133,04072	1,49532	9,85135,15388	4,46006	10,14864,84612	10	
23	0	9,76271,15934	2,96443	9,91131,54540	1,49547	9,85139,61394	4,45990	10,14860,38606	0	37
	10	9,76274,12377	2,96413	9,91130,04993	1,49563	9,85144,07384	4,45976	10,14855,92616	50	
	20	9,76277,08790	2,96381	9,91128,55430	1,49578	9,85148,53360	4,45959	10,14851,46640	40	
	30	9,76280,05171	2,96351	9,91127,05852	1,49593	9,85152,99319	4,45944	10,14847,00681	30	
	40	9,76283,01522	2,96321	9,91125,56259	1,49608	9,85157,45263	4,45929	10,14842,54737	20	
	50	9,76285,97843	2,96291	9,91124,06651	1,49624	9,85161,91192	4,45915	10,14838,08808	10	
24	0	9,76288,94134	2,96260	9,91122,57027	1,49639	9,85166,37107	4,45899	10,14833,62893	0	36
	10	9,76291,90394	2,96230	9,91121,07388	1,49655	9,85170,83006	4,45885	10,14829,16994	50	
	20	9,76294,86624	2,96200	9,91119,57733	1,49670	9,85175,28891	4,45870	10,14824,71109	40	
	30	9,76297,82824	2,96169	9,91118,08063	1,49685	9,85179,74761	4,45854	10,14820,25239	30	
	40	9,76300,78993	2,96138	9,91116,58378	1,49700	9,85184,20615	4,45838	10,14815,79385	20	
	50	9,76303,75131	2,96107	9,91115,08678	1,49716	9,85188,66453	4,45823	10,14811,33547	10	
25	0	9,76306,71238	2,96077	9,91113,58962	1,49731	9,85193,12276	4,45808	10,14806,87724	0	35
	10	9,76309,67315	2,96048	9,91112,09231	1,49747	9,85197,58084	4,45795	10,14802,41916	50	
	20	9,76312,63363	2,96017	9,91110,59484	1,49762	9,85202,03879	4,45779	10,14797,96121	40	
	30	9,76315,59380	2,95987	9,91109,09722	1,49778	9,85206,49658	4,45765	10,14793,50342	30	
	40	9,76318,55367	2,95956	9,91107,59944	1,49793	9,85210,95423	4,45749	10,14789,04577	20	
	50	9,76321,51323	2,95926	9,91106,10151	1,49808	9,85215,41172	4,45734	10,14784,58828	10	
26	0	9,76324,47249	2,95895	9,91104,60343	1,49823	9,85219,86906	4,45718	10,14780,13094	0	34
	10	9,76327,43144	2,95865	9,91103,10520	1,49839	9,85224,32624	4,45704	10,14775,67376	50	
	20	9,76330,39009	2,95835	9,91101,60681	1,49855	9,85228,78328	4,45690	10,14771,21672	40	
	30	9,76333,34844	2,95805	9,91100,10826	1,49870	9,85233,24018	4,45675	10,14766,75982	30	
	40	9,76336,30649	2,95774	9,91098,60956	1,49885	9,85237,69693	4,45659	10,14762,30307	20	
	50	9,76339,26423	2,95743	9,91097,11071	1,49900	9,85242,15352	4,45643	10,14757,84648	10	
27	0	9,76342,22166	2,95713	9,91095,61171	1,49916	9,85246,60995	4,45629	10,14753,39005	0	33
	10	9,76345,17879	2,95684	9,91094,11255	1,49932	9,85251,06624	4,45616	10,14748,93376	50	
	20	9,76348,13563	2,95652	9,91092,61323	1,49946	9,85255,52240	4,45598	10,14744,47760	40	
	30	9,76351,09215	2,95622	9,91091,11377	1,49962	9,85259,97838	4,45584	10,14740,02162	30	
	40	9,76354,04837	2,95591	9,91089,61415	1,49977	9,85264,43422	4,45568	10,14735,56578	20	
	50	9,76357,00428	2,95562	9,91088,11438	1,49993	9,85268,88990	4,45555	10,14731,11010	10	
28	0	9,76359,95990	2,95531	9,91086,61445	1,50008	9,85273,34545	4,45539	10,14726,65455	0	32
	10	9,76362,91521	2,95501	9,91085,11437	1,50024	9,85277,80084	4,45525	10,14722,19916	50	
	20	9,76365,87022	2,95471	9,91083,61413	1,50039	9,85282,25609	4,45510	10,14717,74391	40	
	30	9,76368,82493	2,95440	9,91082,11374	1,50054	9,85286,71119	4,45494	10,14713,28881	30	
	40	9,76371,77933	2,95409	9,91080,61320	1,50069	9,85291,16613	4,45478	10,14708,83387	20	
	50	9,76374,73342	2,95380	9,91079,11251	1,50085	9,85295,62091	4,45465	10,14704,37909	10	
29	0	9,76377,68722	2,95349	9,91077,61166	1,50100	9,85300,07556	4,45449	10,14699,92444	0	31
	10	9,76380,64071	2,95319	9,91076,11066	1,50116	9,85304,53005	4,45435	10,14695,46995	50	
	20	9,76383,59390	2,95289	9,91074,60950	1,50131	9,85308,98440	4,45420	10,14691,01560	40	
	30	9,76386,54679	2,95259	9,91073,10819	1,50147	9,85313,43860	4,45406	10,14686,56140	30	
	40	9,76389,49938	2,95228	9,91071,60672	1,50162	9,85317,89266	4,45390	10,14682,10734	20	
	50	9,76392,45166	2,95199	9,91070,10510	1,50178	9,85322,34656	4,45377	10,14677,65344	10	
30	0	9,76395,40365	2,95168	9,91068,60332	1,50193	9,85326,80033	4,45361	10,14673,19967	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,76395,40365	2,95168	9,91068,60332	1,50193	9,85326,80033	4,45361	10,14673,19967	0	30
	10	9,76398,35533	2,95138	9,91067,10139	1,50209	9,85331,25394	4,45347	10,14668,74606	50	
	20	9,76401,30671	2,95107	9,91065,59930	1,50224	9,85335,70741	4,45331	10,14664,29259	40	
	30	9,76404,25778	2,95077	9,91064,09706	1,50239	9,85340,16072	4,45316	10,14659,83928	30	
	40	9,76407,20855	2,95046	9,91062,59467	1,50254	9,85344,61388	4,45300	10,14655,38612	20	
	50	9,76410,15901	2,95017	9,91061,09213	1,50270	9,85349,06688	4,45287	10,14650,93312	10	
31	0	9,76413,10918	2,94986	9,91059,58943	1,50285	9,85353,51975	4,45271	10,14646,48025	0	29
	10	9,76416,05904	2,94956	9,91058,08658	1,50301	9,85357,97246	4,45257	10,14642,02754	50	
	20	9,76419,00860	2,94925	9,91056,58357	1,50316	9,85362,42503	4,45241	10,14637,57497	40	
	30	9,76421,95785	2,94896	9,91055,08041	1,50332	9,85366,87744	4,45228	10,14633,12256	30	
	40	9,76424,90681	2,94865	9,91053,57709	1,50347	9,85371,32972	4,45212	10,14628,67028	20	
	50	9,76427,85546	2,94836	9,91052,07362	1,50363	9,85375,78184	4,45199	10,14624,21816	10	
32	0	9,76430,80382	2,94804	9,91050,56999	1,50377	9,85380,23383	4,45181	10,14619,76617	0	28
	10	9,76433,75186	2,94774	9,91049,06622	1,50393	9,85384,68564	4,45167	10,14615,31436	50	
	20	9,76436,69960	2,94745	9,91047,56229	1,50409	9,85389,13731	4,45154	10,14610,86269	40	
	30	9,76439,64705	2,94714	9,91046,05820	1,50424	9,85393,58885	4,45138	10,14606,41115	30	
	40	9,76442,59419	2,94685	9,91044,55396	1,50440	9,85398,04023	4,45125	10,14601,95977	20	
	50	9,76445,54104	2,94654	9,91043,04956	1,50455	9,85402,49148	4,45109	10,14597,50852	10	
33	0	9,76448,48758	2,94624	9,91041,54501	1,50471	9,85406,94257	4,45095	10,14593,05743	0	27
	10	9,76451,43382	2,94594	9,91040,04030	1,50486	9,85411,39352	4,45080	10,14588,60648	50	
	20	9,76454,37976	2,94563	9,91038,53544	1,50501	9,85415,84432	4,45064	10,14584,15568	40	
	30	9,76457,32539	2,94532	9,91037,03043	1,50516	9,85420,29496	4,45048	10,14579,70504	30	
	40	9,76460,27071	2,94503	9,91035,52527	1,50532	9,85424,74544	4,45035	10,14575,25456	20	
	50	9,76463,21574	2,94472	9,91034,01995	1,50547	9,85429,19579	4,45019	10,14570,80421	10	
34	0	9,76466,16046	2,94443	9,91032,51448	1,50563	9,85433,64598	4,45006	10,14566,35402	0	26
	10	9,76469,10489	2,94412	9,91031,00885	1,50578	9,85438,09604	4,44990	10,14561,90396	50	
	20	9,76472,04901	2,94382	9,91029,50307	1,50594	9,85442,54594	4,44976	10,14557,45406	40	
	30	9,76474,99283	2,94352	9,91027,99713	1,50609	9,85446,99570	4,44961	10,14553,00430	30	
	40	9,76477,93635	2,94321	9,91026,49104	1,50624	9,85451,44531	4,44945	10,14548,55469	20	
	50	9,76480,87956	2,94292	9,91024,98480	1,50640	9,85455,89476	4,44932	10,14544,10524	10	
35	0	9,76483,82248	2,94261	9,91023,47840	1,50655	9,85460,34408	4,44916	10,14539,65592	0	25
	10	9,76486,76509	2,94231	9,91021,97185	1,50671	9,85464,79324	4,44902	10,14535,20676	50	
	20	9,76489,70740	2,94201	9,91020,46514	1,50686	9,85469,24226	4,44887	10,14530,75774	40	
	30	9,76492,64941	2,94171	9,91018,95828	1,50702	9,85473,69113	4,44873	10,14526,30887	30	
	40	9,76495,59112	2,94141	9,91017,45126	1,50717	9,85478,13986	4,44858	10,14521,86014	20	
	50	9,76498,53253	2,94112	9,91015,94409	1,50733	9,85482,58844	4,44845	10,14517,41156	10	
36	0	9,76501,47365	2,94081	9,91014,43676	1,50748	9,85487,03689	4,44829	10,14512,96311	0	24
	10	9,76504,41446	2,94051	9,91012,92928	1,50764	9,85491,48518	4,44815	10,14508,51482	50	
	20	9,76507,35497	2,94020	9,91011,42164	1,50779	9,85495,93333	4,44799	10,14504,06667	40	
	30	9,76510,29517	2,93990	9,91009,91385	1,50794	9,85500,38132	4,44784	10,14499,61868	30	
	40	9,76513,23507	2,93960	9,91008,40591	1,50810	9,85504,82916	4,44770	10,14495,17084	20	
	50	9,76516,17467	2,93930	9,91006,89781	1,50825	9,85509,27686	4,44755	10,14490,72314	10	
37	0	9,76519,11397	2,93900	9,91005,38956	1,50841	9,85513,72441	4,44741	10,14486,27559	0	23
	10	9,76522,05297	2,93870	9,91003,88115	1,50856	9,85518,17182	4,44726	10,14481,82818	50	
	20	9,76524,99167	2,93841	9,91002,37259	1,50872	9,85522,61908	4,44713	10,14477,38092	40	
	30	9,76527,93008	2,93810	9,91000,86387	1,50887	9,85527,06621	4,44697	10,14472,93379	30	
	40	9,76530,86818	2,93779	9,90999,35500	1,50902	9,85531,51318	4,44681	10,14468,48682	20	
	50	9,76533,80597	2,93749	9,90997,84598	1,50918	9,85535,95999	4,44667	10,14464,04001	10	
38	0	9,76536,74346	2,93719	9,90996,33680	1,50933	9,85540,40666	4,44652	10,14459,59334	0	22
	10	9,76539,68065	2,93690	9,90994,82747	1,50949	9,85544,85318	4,44639	10,14455,14682	50	
	20	9,76542,61755	2,93659	9,90993,31798	1,50964	9,85549,29957	4,44623	10,14450,70043	40	
	30	9,76545,55414	2,93629	9,90991,80834	1,50980	9,85553,74580	4,44609	10,14446,25420	30	
	40	9,76548,49043	2,93600	9,90990,29854	1,50996	9,85558,19189	4,44596	10,14441,80811	20	
	50	9,76551,42643	2,93570	9,90988,78858	1,51011	9,85562,63785	4,44581	10,14437,36215	10	
39	0	9,76554,36213	2,93539	9,90987,27847	1,51026	9,85567,08366	4,44565	10,14432,91634	0	21
	10	9,76557,29752	2,93510	9,90985,76821	1,51042	9,85571,52931	4,44552	10,14428,47069	50	
	20	9,76560,23262	2,93479	9,90984,25779	1,51057	9,85575,97483	4,44536	10,14424,02517	40	
	30	9,76563,16741	2,93450	9,90982,74722	1,51073	9,85580,42019	4,44523	10,14419,57981	30	
	40	9,76566,10191	2,93419	9,90981,23649	1,51088	9,85584,86542	4,44507	10,14415,13458	20	
	50	9,76569,03610	2,93389	9,90979,72561	1,51104	9,85589,31049	4,44493	10,14410,68951	10	
40	0	9,76571,96099	2,93359	9,90978,21457	1,51119	9,85593,75542	4,44478	10,14406,24458	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,76571,96999	2,93359	9,90978,21457	1,51119	9,85593,75542	4,44478	10,14406,24458	0	20
	10	9,76574,90358	2,93330	9,90976,70338	1,51135	9,85598,20020	4,44465	10,14401,79980	50	
	20	9,76577,83688	2,93299	9,90975,19203	1,51150	9,85602,64485	4,44449	10,14397,35515	40	
	30	9,76580,76987	2,93268	9,90973,68053	1,51165	9,85607,08934	4,44433	10,14392,91066	30	
	40	9,76583,70255	2,93239	9,90972,16888	1,51181	9,85611,53367	4,44420	10,14388,46633	20	
	50	9,76586,63494	2,93209	9,90970,65707	1,51196	9,85615,97787	4,44405	10,14384,02213	10	
41	0	9,76589,56703	2,93179	9,90969,14511	1,51212	9,85620,42192	4,44391	10,14379,57808	0	19
	10	9,76592,49882	2,93149	9,90967,63299	1,51227	9,85624,86583	4,44376	10,14375,13417	50	
	20	9,76595,43031	2,93119	9,90966,12072	1,51243	9,85629,30959	4,44362	10,14370,69041	40	
	30	9,76598,36150	2,93089	9,90964,60829	1,51258	9,85633,75321	4,44347	10,14366,24679	30	
	40	9,76601,29239	2,93058	9,90963,09571	1,51273	9,85638,19668	4,44331	10,14361,80332	20	
	50	9,76604,22297	2,93028	9,90961,58298	1,51289	9,85642,63999	4,44317	10,14357,36001	10	
42	0	9,76607,15325	2,92999	9,90960,07009	1,51304	9,85647,08316	4,44303	10,14352,91684	0	18
	10	9,76610,08324	2,92969	9,90958,55705	1,51320	9,85651,52619	4,44289	10,14348,47381	50	
	20	9,76613,01293	2,92938	9,90957,04385	1,51336	9,85655,96908	4,44274	10,14344,03092	40	
	30	9,76615,94231	2,92910	9,90955,53049	1,51351	9,85660,41182	4,44261	10,14339,58818	30	
	40	9,76618,87141	2,92880	9,90954,01698	1,51367	9,85664,85443	4,44247	10,14335,14557	20	
	50	9,76621,80021	2,92849	9,90952,50331	1,51382	9,85669,29690	4,44231	10,14330,70310	10	
43	0	9,76624,72870	2,92819	9,90950,98949	1,51398	9,85673,73921	4,44217	10,14326,26079	0	17
	10	9,76627,65689	2,92790	9,90949,47551	1,51413	9,85678,18138	4,44203	10,14321,81862	50	
	20	9,76630,58479	2,92759	9,90947,96138	1,51428	9,85682,62341	4,44187	10,14317,37659	40	
	30	9,76633,51238	2,92730	9,90946,44710	1,51444	9,85687,06528	4,44174	10,14312,93472	30	
	40	9,76636,43968	2,92699	9,90944,93266	1,51459	9,85691,50702	4,44158	10,14308,49298	20	
	50	9,76639,36667	2,92669	9,90943,41807	1,51475	9,85695,94860	4,44144	10,14304,05140	10	
44	0	9,76642,29336	2,92639	9,90941,90332	1,51490	9,85700,39004	4,44129	10,14299,60996	0	16
	10	9,76645,21975	2,92610	9,90940,38842	1,51506	9,85704,83133	4,44116	10,14295,16867	50	
	20	9,76648,14585	2,92579	9,90938,87336	1,51521	9,85709,27249	4,44100	10,14290,72751	40	
	30	9,76651,07164	2,92550	9,90937,35815	1,51537	9,85713,71349	4,44087	10,14286,28651	30	
	40	9,76653,99714	2,92520	9,90935,84278	1,51553	9,85718,15436	4,44073	10,14281,84564	20	
	50	9,76656,92234	2,92490	9,90934,32725	1,51568	9,85722,59509	4,44058	10,14277,40491	10	
45	0	9,76659,84724	2,92461	9,90932,81157	1,51584	9,85727,03567	4,44045	10,14272,96433	0	15
	10	9,76662,77185	2,92430	9,90931,29573	1,51599	9,85731,47612	4,44029	10,14268,52388	50	
	20	9,76665,69615	2,92400	9,90929,77974	1,51614	9,85735,91641	4,44014	10,14264,08359	40	
	30	9,76668,62015	2,92370	9,90928,26360	1,51630	9,85740,35655	4,44000	10,14259,64345	30	
	40	9,76671,54385	2,92340	9,90926,74730	1,51645	9,85744,79655	4,43985	10,14255,20345	20	
	50	9,76674,46725	2,92311	9,90925,23085	1,51661	9,85749,23640	4,43972	10,14250,76360	10	
46	0	9,76677,39036	2,92280	9,90923,71424	1,51676	9,85753,67612	4,43956	10,14246,32388	0	14
	10	9,76680,31316	2,92251	9,90922,19748	1,51693	9,85758,11568	4,43944	10,14241,88432	50	
	20	9,76683,23567	2,92221	9,90920,68055	1,51707	9,85762,55512	4,43928	10,14237,44488	40	
	30	9,76686,15788	2,92192	9,90919,16348	1,51724	9,85766,99440	4,43916	10,14233,00560	30	
	40	9,76689,07980	2,92161	9,90917,64624	1,51738	9,85771,43356	4,43899	10,14228,56644	20	
	50	9,76692,00141	2,92132	9,90916,12886	1,51754	9,85775,87255	4,43886	10,14224,12745	10	
47	0	9,76694,92273	2,92102	9,90914,61132	1,51770	9,85780,31141	4,43872	10,14219,68859	0	13
	10	9,76697,84375	2,92072	9,90913,09362	1,51785	9,85784,75013	4,43857	10,14215,24987	50	
	20	9,76700,76447	2,92042	9,90911,57577	1,51801	9,85789,18870	4,43843	10,14210,81130	40	
	30	9,76703,68489	2,92012	9,90910,05776	1,51816	9,85793,62713	4,43828	10,14206,37287	30	
	40	9,76706,60501	2,91982	9,90908,53960	1,51831	9,85798,06541	4,43813	10,14201,93459	20	
	50	9,76709,52483	2,91952	9,90907,02129	1,51847	9,85802,50354	4,43799	10,14197,49646	10	
48	0	9,76712,44435	2,91922	9,90905,50282	1,51862	9,85806,94153	4 43784	10,14193,05847	0	12
	10	9,76715,36357	2,91893	9,90903,98420	1,51878	9,85811,37937	4,43771	10,14188,62063	50	
	20	9,76718,28250	2,91863	9,90902,46542	1,51894	9,85815,81708	4,43757	10,14184,18292	40	
	30	9,76721,20113	2,91833	9,90900,94648	1,51909	9,85820,25465	4,43742	10,14179,74535	30	
	40	9,76724,11946	2,91804	9,90899,42739	1,51925	9,85824,69207	4,43729	10,14175,30793	20	
	50	9,76727,03750	2,91773	9,90897,90814	1,51940	9,85829,12936	4,43713	10,14170,87064	10	
49	0	9,76729,95523	2,91744	9,90896,38874	1,51956	9,85833,56649	4,43700	10,14166,43351	0	11
	10	9,76732,87267	2,91713	9,90894,86918	1,51971	9,85838,00349	4,43684	10,14161,99651	50	
	20	9,76735,78980	2,91684	9,90893,34947	1,51987	9,85842,44033	4,43671	10,14157,55967	40	
	30	9,76738,70664	2,91654	9,90891,82960	1,52003	9,85846,87704	4,43657	10,14153,12296	30	
	40	9,76741,62318	2,91625	9,90890,30957	1,52018	9,85851,31361	4,43643	10,14148,68639	20	
	50	9,76744,53943	2,91595	9,90888,78939	1,52033	9,85855,75004	4,43628	10,14144,24996	10	
50	0	9,76747,45538	2,91565	9,90887,26906	1,52049	9,85860,18632	4,43614	10,14139,81368	0	10
		Sin. Compl.		SINVVM		Tang. compl.		TANGEN.	M	S

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
50	0	9,76747,45538		9,90887,26906		9,85860,18632		10,14139,81368	0	10
	10	9,76750,37103	2,91565	9,90885,74857	1,52049	9,85864,62246	4,43614	10,14135,37754	50	
	20	9,76753,28638	2,91535	9,90884,22793	1,52064	9,85869,05845	4,43599	10,14130,94155	40	
	30	9,76756,20143	2,91505	9,90882,70713	1,52080	9,85873,49430	4,43585	10,14126,50570	30	
	40	9,76759,11618	2,91475	9,90881,18618	1,52095	9,85877,93000	4,43570	10,14122,07000	20	
	50	9,76762,03064	2,91446	9,90879,66507	1,52111	9,85882,36557	4,43557	10,14117,63443	10	
51	0	9,76764,94480	2,91416	9,90878,14380	1,52127	9,85886,80100	4,43543	10,14113,19900	0	9
	10	9,76767,85866	2,91386	9,90876,62238	1,52142	9,85891,23628	4,43528	10,14108,76372	50	
	20	9,76770,77223	2,91357	9,90875,10080	1,52158	9,85895,67143	4,43515	10,14104,32857	40	
	30	9,76773,68550	2,91327	9,90873,57907	1,52173	9,85900,10643	4,43500	10,14099,89357	30	
	40	9,76776,59846	2,91296	9,90872,05719	1,52188	9,85904,54127	4,43484	10,14095,45873	20	
	50	9,76779,51113	2,91267	9,90870,53515	1,52204	9,85908,97598	4,43471	10,14091,02402	10	
52	0	9,76782,42351	2,91238	9,90869,01295	1,52220	9,85913,41056	4,43458	10,14086,58944	0	8
	10	9,76785,33559	2,91208	9,90867,49060	1,52235	9,85917,84499	4,43443	10,14082,15501	50	
	20	9,76788,24736	2,91177	9,90865,96810	1,52250	9,85922,27926	4,43427	10,14077,72074	40	
	30	9,76791,15883	2,91147	9,90864,44544	1,52266	9,85926,71339	4,43413	10,14073,28661	30	
	40	9,76794,07002	2,91119	9,90862,92262	1,52282	9,85931,14740	4,43401	10,14068,85260	20	
	50	9,76796,98091	2,91089	9,90861,39964	1,52298	9,85935,58127	4,43387	10,14064,41873	10	
53	0	9,76799,89151	2,91060	9,90859,87650	1,52314	9,85940,01501	4,43374	10,14059,98499	0	7
	10	9,76802,80181	2,91030	9,90858,35321	1,52329	9,85944,44860	4,43359	10,14055,55140	50	
	20	9,76805,71180	2,90999	9,90856,82977	1,52344	9,85948,88203	4,43343	10,14051,11797	40	
	30	9,76808,62151	2,90971	9,90855,30617	1,52360	9,85953,31534	4,43331	10,14046,68466	30	
	40	9,76811,53091	2,90940	9,90853,78242	1,52375	9,85957,74849	4,43315	10,14042,25151	20	
	50	9,76814,44002	2,90911	9,90852,25851	1,52391	9,85962,18151	4,43302	10,14037,81849	10	
54	0	9,76817,34882	2,90880	9,90850,73445	1,52406	9,85966,61437	4,43286	10,14033,38563	0	6
	10	9,76820,25733	2,90851	9,90849,21023	1,52422	9,85971,04710	4,43273	10,14028,95290	50	
	20	9,76823,16555	2,90822	9,90847,68585	1,52438	9,85975,47970	4,43260	10,14024,52030	40	
	30	9,76826,07347	2,90792	9,90846,16132	1,52453	9,85979,91215	4,43245	10,14020,08785	30	
	40	9,76828,98108	2,90761	9,90844,63664	1,52468	9,85984,34444	4,43229	10,14015,65556	20	
	50	9,76831,88841	2,90733	9,90843,11180	1,52484	9,85988,77661	4,43217	10,14011,22339	10	
55	0	9,76834,79544	2,90703	9,90841,58680	1,52500	9,85993,20864	4,43203	10,14006,79136	0	5
	10	9,76837,70217	2,90673	9,90840,06165	1,52515	9,85997,64052	4,43188	10,14002,35948	50	
	20	9,76840,60860	2,90643	9,90838,53635	1,52530	9,86002,07225	4,43173	10,13997,92775	40	
	30	9,76843,51473	2,90613	9,90837,01089	1,52546	9,86006,50384	4,43159	10,13993,49616	30	
	40	9,76846,42057	2,90584	9,90835,48527	1,52562	9,86010,93530	4,43146	10,13989,06470	20	
	50	9,76849,32612	2,90555	9,90833,95949	1,52578	9,86015,36663	4,43133	10,13984,63337	10	
56	0	9,76852,23138	2,90526	9,90832,43355	1,52594	9,86019,79783	4,43120	10,13980,20217	0	4
	10	9,76855,13635	2,90497	9,90830,90745	1,52610	9,86024,22890	4,43107	10,13975,77110	50	
	20	9,76858,04101	2,90466	9,90829,38120	1,52625	9,86028,65981	4,43091	10,13971,34019	40	
	30	9,76860,94537	2,90436	9,90827,85480	1,52640	9,86033,09057	4,43076	10,13966,90943	30	
	40	9,76863,84943	2,90406	9,90826,32825	1,52655	9,86037,52118	4,43061	10,13962,47882	20	
	50	9,76866,75318	2,90375	9,90824,80155	1,52670	9,86041,95163	4,43045	10,13958,04837	10	
57	0	9,76869,65665	2,90347	9,90823,27469	1,52686	9,86046,38196	4,43033	10,13953,61804	0	3
	10	9,76872,55982	2,90317	9,90821,74767	1,52702	9,86050,81215	4,43019	10,13949,18785	50	
	20	9,76875,46270	2,90288	9,90820,22049	1,52718	9,86055,24221	4,43006	10,13944,75779	40	
	30	9,76878,36529	2,90259	9,90818,69315	1,52734	9,86059,67214	4,42993	10,13940,32786	30	
	40	9,76881,26758	2,90229	9,90817,16566	1,52749	9,86064,10192	4,42978	10,13935,89808	20	
	50	9,76884,16957	2,90199	9,90815,63802	1,52764	9,86068,53155	4,42963	10,13931,46845	10	
58	0	9,76887,07126	2,90169	9,90814,11022	1,52780	9,86072,96104	4,42949	10,13927,03896	0	2
	10	9,76889,97265	2,90139	9,90812,58227	1,52795	9,86077,39038	4,42934	10,13922,60962	50	
	20	9,76892,87375	2,90110	9,90811,05416	1,52811	9,86081,81959	4,42921	10,13918,18041	40	
	30	9,76895,77456	2,90081	9,90809,52589	1,52827	9,86086,24867	4,42908	10,13913,75133	30	
	40	9,76898,67507	2,90051	9,90807,99747	1,52842	9,86090,67760	4,42893	10,13909,32240	20	
	50	9,76901,57528	2,90021	9,90806,46889	1,52858	9,86095,10639	4,42879	10,13904,89361	10	
59	0	9,76904,47521	2,89993	9,90804,94015	1,52874	9,86099,53506	4,42867	10,13900,46494	0	1
	10	9,76907,37484	2,89963	9,90803,41125	1,52890	9,86103,96359	4,42853	10,13896,03641	50	
	20	9,76910,27417	2,89933	9,90801,88220	1,52905	9,86108,39197	4,42838	10,13891,60803	40	
	30	9,76913,17321	2,89904	9,90800,35299	1,52921	9,86112,82022	4,42825	10,13887,17978	30	
	40	9,76916,07194	2,89873	9,90798,82364	1,52935	9,86117,24830	4,42808	10,13882,75170	20	
	50	9,76918,97038	2,89844	9,90797,29413	1,52951	9,86121,67625	4,42795	10,13878,32375	10	
60	0	9,76921,86852	2,89814	9,90795,76446	1,52967	9,86126,10406	4,42781	10,13873,89594	0	0
		Sin. Compl.	2,89785	SINVVM	1,52982	Tang. compl.	4,42767	TANGEN.	M	S

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,76921,86852	2,89785	9,90795,76446	1,52982	9,86126,10406	4,42767	10,13873,89594	0	60
	10	9,76924,76637	2,89755	9,90794,23464	1,52998	9,86130,53173	4,42753	10,13869,46827	50	
	20	9,76927,66392	2,89726	9,90792,70466	1,53014	9,86134,95926	4,42740	10,13865,04074	40	
	30	9,76930,56118	2,89697	9,90791,17452	1,53030	9,86139,38666	4,42727	10,13860,61334	30	
	40	9,76933,45815	2,89667	9,90789,64422	1,53046	9,86143,81393	4,42713	10,13856,18607	20	
	50	9,76936,35482	2,89638	9,90788,11376	1,53061	9,86148,24106	4,42699	10,13851,75894	10	
1	0	9,76939,25128	2,89608	9,90786,58315	1,53077	9,86152,66805	4,42685	10,13847,33195	0	59
	10	9,76942,14728	2,89579	9,90785,05238	1,53092	9,86157,09490	4,42671	10,13842,90510	50	
	20	9,76945,04307	2,89549	9,90783,52146	1,53107	9,86161,52161	4,42656	10,13838,47839	40	
	30	9,76947,93856	2,89520	9,90781,99039	1,53123	9,86165,94817	4,42643	10,13834,05183	30	
	40	9,76950,83376	2,89490	9,90780,45916	1,53139	9,86170,37460	4,42629	10,13829,62540	20	
	50	9,76953,72866	2,89459	9,90778,92777	1,53154	9,86174,80089	4,42613	10,13825,19911	10	
2	0	9,76956,62325	2,89431	9,90777,39623	1,53170	9,86179,22702	4,42601	10,13820,77298	0	58
	10	9,76959,51756	2,89400	9,90775,86453	1,53185	9,86183,65303	4,42585	10,13816,34697	50	
	20	9,76962,41156	2,89372	9,90774,33268	1,53201	9,86188,07888	4,42573	10,13811,92112	40	
	30	9,76965,30528	2,89343	9,90772,80067	1,53217	9,86192,50461	4,42560	10,13807,49539	30	
	40	9,76968,19871	2,89313	9,90771,26850	1,53233	9,86196,93021	4,42546	10,13803,06979	20	
	50	9,76971,09184	2,89284	9,90769,73617	1,53248	9,86201,35567	4,42532	10,13798,64433	10	
3	0	9,76973,98468	2,89255	9,90768,20369	1,53264	9,86205,78099	4,42519	10,13794,21901	0	57
	10	9,76976,87723	2,89224	9,90766,67105	1,53279	9,86210,20618	4,42503	10,13789,79382	50	
	20	9,76979,76947	2,89194	9,90765,13826	1,53295	9,86214,63121	4,42489	10,13785,36879	40	
	30	9,76982,66141	2,89165	9,90763,60531	1,53310	9,86219,05610	4,42475	10,13780,94390	30	
	40	9,76985,55306	2,89136	9,90762,07221	1,53326	9,86223,48085	4,42462	10,13776,51915	20	
	50	9,76988,44442	2,89107	9,90760,53895	1,53342	9,86227,90547	4,42449	10,13772,09453	10	
4	0	9,76991,33549	2,89077	9,90759,00553	1,53357	9,86232,32996	4,42434	10,13767,67004	0	56
	10	9,76994,22626	2,89048	9,90757,47196	1,53373	9,86236,75430	4,42421	10,13763,24570	50	
	20	9,76997,11674	2,89017	9,90755,93823	1,53388	9,86241,17851	4,42405	10,13758,82149	40	
	30	9,77000,00691	2,88989	9,90754,40435	1,53404	9,86245,60256	4,42393	10,13754,39744	30	
	40	9,77002,89680	2,88959	9,90752,87031	1,53420	9,86250,02649	4,42379	10,13749,97351	20	
	50	9,77005,78639	2,88931	9,90751,33611	1,53436	9,86254,45028	4,42367	10,13745,54972	10	
5	0	9,77008,67570	2,88900	9,90749,80175	1,53451	9,86258,87395	4,42351	10,13741,12605	0	55
	10	9,77011,56470	2,88872	9,90748,26724	1,53467	9,86263,29746	4,42339	10,13736,70254	50	
	20	9,77014,45342	2,88841	9,90746,73257	1,53482	9,86267,72085	4,42323	10,13732,27915	40	
	30	9,77017,34183	2,88812	9,90745,19775	1,53498	9,86272,14408	4,42310	10,13727,85592	30	
	40	9,77020,22995	2,88783	9,90743,66277	1,53514	9,86276,56718	4,42297	10,13723,43282	20	
	50	9,77023,11778	2,88753	9,90742,12763	1,53529	9,86280,99015	4,42282	10,13719,00985	10	
6	0	9,77026,00531	2,88724	9,90740,59234	1,53545	9,86285,41297	4,42269	10,13714,58703	0	54
	10	9,77028,89255	2,88694	9,90739,05689	1,53560	9,86289,83566	4,42254	10,13710,16434	50	
	20	9,77031,77949	2,88666	9,90737,52129	1,53576	9,86294,25820	4,42242	10,13705,74180	40	
	30	9,77034,66615	2,88636	9,90735,98553	1,53592	9,86298,68062	4,42228	10,13701,31938	30	
	40	9,77037,55251	2,88607	9,90734,44961	1,53608	9,86303,10290	4,42215	10,13696,89710	20	
	50	9,77040,43858	2,88577	9,90732,91353	1,53623	9,86307,52505	4,42200	10,13692,47495	10	
7	0	9,77043,32435	2,88548	9,90731,37730	1,53639	9,86311,94705	4,42187	10,13688,05295	0	53
	10	9,77046,20983	2,88517	9,90729,84091	1,53654	9,86316,36892	4,42171	10,13683,63108	50	
	20	9,77049,09500	2,88489	9,90728,30437	1,53670	9,86320,79063	4,42159	10,13679,20937	40	
	30	9,77051,97989	2,88459	9,90726,76767	1,53686	9,86325,21222	4,42145	10,13674,78778	30	
	40	9,77054,86448	2,88430	9,90725,23081	1,53701	9,86329,63367	4,42131	10,13670,36633	20	
	50	9,77057,74878	2,88401	9,90723,69380	1,53717	9,86334,05498	4,42118	10,13665,94502	10	
8	0	9,77060,63279	2,88371	9,90722,15663	1,53732	9,86338,47616	4 42103	10,13661,52384	0	52
	10	9,77063,51650	2,88342	9,90720,61931	1,53748	9,86342,89719	4,42090	10,13657,10281	50	
	20	9,77066,39992	2,88313	9,90719,08183	1,53764	9,86347,31809	4,42077	10,13652,68191	40	
	30	9,77069,28305	2,88284	9,90717,54419	1,53780	9,86351,73886	4,42064	10,13648,26114	30	
	40	9,77072,16589	2,88255	9,90716,00639	1,53796	9,86356,15950	4,42051	10,13643,84050	20	
	50	9,77075,04844	2,88225	9,90714,46843	1,53811	9,86360,58001	4,42036	10,13639,41999	10	
9	0	9,77077,93069	2,88196	9,90712,93032	1,53827	9,86365,00037	4,42023	10,13634,99963	0	51
	10	9,77080,81265	2,88166	9,90711,39205	1,53842	9,86369,42060	4,42008	10,13630,57940	50	
	20	9,77083,69431	2,88137	9,90709,85363	1,53858	9,86373,84068	4,41995	10,13626,15932	40	
	30	9,77086,57568	2,88107	9,90708,31505	1,53873	9,86378,26063	4,41980	10,13621,73937	30	
	40	9,77089,45675	2,88078	9,90706,77632	1,53889	9,86382,68043	4,41967	10,13617,31957	20	
	50	9,77092,33753	2,88049	9,90705,23743	1,53905	9,86387,10010	4,41954	10,13612,89990	10	
10	0	9,77095,21802	2,88019	9,90703,69838	1,53920	9,86391,51964	4,41939	10,13608,48036	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	9,77095,21802	2,88020	9,90703,69838	1,53920	9,86391,51964	4,41940	10,13608,48036	0	50
	10	9,77098,09822	2,87990	9,90702,15918	1,53936	9,86395,93904	4,41926	10,13604,06096	50	
	20	9,77100,97812	2,87961	9,90700,61982	1,53952	9,86400,35830	4,41913	10,13599,64170	40	
	30	9,77103,85773	2,87931	9,90699,08030	1,53968	9,86404,77743	4,41899	10,13595,22257	30	
	40	9,77106,73704	2,87902	9,90697,54062	1,53983	9,86409,19642	4,41885	10,13590,80358	20	
	50	9,77109,61606	2,87873	9,90696,00079	1,53999	9,86413,61527	4,41872	10,13586,38473	10	
11	0	9,77112,49479	2,87844	9,90694,46080	1,54014	9,86418,03399	4,41858	10,13581,96601	0	49
	10	9,77115,37323	2,87814	9,90692,92066	1,54030	9,86422,45257	4,41844	10,13577,54743	50	
	20	9,77118,25137	2,87786	9,90691,38036	1,54046	9,86426,87101	4,41832	10,13573,12899	40	
	30	9,77121,12923	2,87756	9,90689,83990	1,54062	9,86431,28933	4,41818	10,13568,71067	30	
	40	9,77124,00679	2,87726	9,90688,29928	1,54077	9,86435,70751	4,41803	10,13564,29249	20	
	50	9,77126,88405	2,87698	9,90686,75851	1,54093	9,86440,12554	4,41791	10,13559,87446	10	
12	0	9,77129,76103	2,87668	9,90685,21758	1,54108	9,86444,54345	4,41776	10,13555,45655	0	48
	10	9,77132,63771	2,87638	9,90683,67650	1,54125	9,86448,96121	4,41763	10,13551,03879	50	
	20	9,77135,51409	2,87610	9,90682,13525	1,54140	9,86453,37884	4,41750	10,13546,62116	40	
	30	9,77138,39019	2,87580	9,90680,59385	1,54155	9,86457,79634	4,41735	10,13542,20366	30	
	40	9,77141,26599	2,87551	9,90679,05230	1,54171	9,86462,21369	4,41722	10,13537,78631	20	
	50	9,77144,14150	2,87522	9,90677,51059	1,54187	9,86466,63091	4,41709	10,13533,36909	10	
13	0	9,77147,01672	2,87493	9,90675,96872	1,54203	9,86471,04800	4,41696	10,13528,95200	0	47
	10	9,77149,89165	2,87463	9,90674,42669	1,54218	9,86475,46496	4,41681	10,13524,53504	50	
	20	9,77152,76628	2,87434	9,90672,88451	1,54234	9,86479,88177	4,41668	10,13520,11823	40	
	30	9,77155,64062	2,87405	9,90671,34217	1,54250	9,86484,29845	4,41655	10,13515,70155	30	
	40	9,77158,51467	2,87376	9,90669,79967	1,54265	9,86488,71500	4,41641	10,13511,28500	20	
	50	9,77161,38843	2,87346	9,90668,25702	1,54281	9,86493,13141	4,41627	10,13506,86859	10	
14	0	9,77164,26189	2,87317	9,90666,71421	1,54297	9,86497,54768	4,41614	10,13502,45232	0	46
	10	9,77167,13506	2,87288	9,90665,17124	1,54313	9,86501,96382	4,41601	10,13498,03618	50	
	20	9,77170,00794	2,87259	9,90663,62811	1,54328	9,86506,37983	4,41587	10,13493,62017	40	
	30	9,77172,88053	2,87230	9,90662,08483	1,54344	9,86510,79570	4,41574	10,13489,20430	30	
	40	9,77175,75283	2,87200	9,90660,54139	1,54359	9,86515,21144	4,41559	10,13484,78856	20	
	50	9,77178,62483	2,87171	9,90658,99780	1,54375	9,86519,62703	4,41546	10,13480,37297	10	
15	0	9,77181,49654	2,87142	9,90657,45405	1,54391	9,86524,04249	4,41533	10,13475,95751	0	45
	10	9,77184,36796	2,87113	9,90655,91014	1,54407	9,86528,45782	4,41520	10,13471,54218	50	
	20	9,77187,23909	2,87084	9,90654,36607	1,54422	9,86532,87302	4,41506	10,13467,12698	40	
	30	9,77190,10993	2,87054	9,90652,82185	1,54438	9,86537,28808	4,41492	10,13462,71192	30	
	40	9,77192,98047	2,87025	9,90651,27747	1,54454	9,86541,70300	4,41479	10,13458,29700	20	
	50	9,77195,85072	2,86996	9,90649,73293	1,54469	9,86546,11779	4,41465	10,13453,88221	10	
16	0	9,77198,72068	2,86967	9,90648,18824	1,54485	9,86550,53244	4,41452	10,13449,46756	0	44
	10	9,77201,59035	2,86938	9,90646,64339	1,54501	9,86554,94696	4,41439	10,13445,05304	50	
	20	9,77204,45973	2,86908	9,90645,09838	1,54516	9,86559,36135	4,41424	10,13440,63865	40	
	30	9,77207,32881	2,86880	9,90643,55322	1,54533	9,86563,77559	4,41413	10,13436,22441	30	
	40	9,77210,19761	2,86850	9,90642,00789	1,54548	9,86568,18972	4,41398	10,13431,81028	20	
	50	9,77213,06611	2,86821	9,90640,46241	1,54563	9,86572,60370	4,41384	10,13427,39630	10	
17	0	9,77215,93432	2,86792	9,90638,91678	1,54580	9,86577,01754	4,41372	10,13422,98246	0	43
	10	9,77218,80224	2,86763	9,90637,37098	1,54595	9,86581,43126	4,41358	10,13418,56874	50	
	20	9,77221,66987	2,86733	9,90635,82503	1,54610	9,86585,84484	4,41343	10,13414,15516	40	
	30	9,77224,53720	2,86705	9,90634,27893	1,54627	9,86590,25827	4,41332	10,13409,74173	30	
	40	9,77227,40425	2,86675	9,90632,73266	1,54642	9,86594,67159	4,41317	10,13405,32841	20	
	50	9,77230,27100	2,86646	9,90631,18624	1,54658	9,86599,08476	4,41304	10,13400,91524	10	
18	0	9,77233,13746	2,86618	9,90629,63966	1,54673	9,86603,49780	4,41291	10,13396,50220	0	42
	10	9,77236,00364	2,86588	9,90628,09293	1,54690	9,86607,91071	4,41278	10,13392,08929	50	
	20	9,77238,86952	2,86559	9,90626,54603	1,54705	9,86612,32349	4,41264	10,13387,67651	40	
	30	9,77241,73511	2,86529	9,90624,99898	1,54720	9,86616,73613	4,41249	10,13383,26387	30	
	40	9,77244,60040	2,86501	9,90623,45178	1,54737	9,86621,14862	4,41238	10,13378,85138	20	
	50	9,77247,46541	2,86472	9,90621,90441	1,54752	9,86625,56100	4,41224	10,13374,43900	10	
19	0	9,77250,33013	2,86442	9,90620,35689	1,54768	9,86629,97324	4,41210	10,13370,02676	0	41
	10	9,77253,19455	2,86413	9,90618,80921	1,54784	9,86634,38534	4,41197	10,13365,61466	50	
	20	9,77256,05868	2,86385	9,90617,26137	1,54799	9,86638,79731	4,41184	10,13361,20269	40	
	30	9,77258,92253	2,86355	9,90615,71338	1,54815	9,86643,20915	4,41170	10,13356,79085	30	
	40	9,77261,78608	2,86326	9,90614,16523	1,54831	9,86647,62085	4,41157	10,13352,37915	20	
	50	9,77264,64934	2,86297	9,90612,61692	1,54847	9,86652,03242	4,41144	10,13347,96758	10	
20	0	9,77267,51231		9,90611,06845		9,86656,44386		10,13343,55614	0	40
		Sin. Compl.	2,86268	SINVVM	1,54862	Tang.compl	4,41130	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
20	0	9,77267,51231	2,86268	9,90611,06845	1,54862	9,86656,44386	4,41130	10,13343,55614	0	40
	10	9,77270,37499	2,86238	9,90609,51983	1,54878	9,86660,85516	4,41116	10,13339,14484	50	
	20	9,77273,23737	2,86210	9,90607,97105	1,54894	9,86665,26632	4,41104	10,13334,73368	40	
	30	9,77276,09947	2,86181	9,90606,42211	1,54909	9,86669,67736	4,41090	10,13330,32264	30	
	40	9,77278,96128	2,86152	9,90604,87302	1,54925	9,86674,08826	4,41077	10,13325,91174	20	
	50	9,77281,82280	2,86122	9,90603,32377	1,54941	9,86678,49903	4,41063	10,13321,50097	10	
21	0	9,77284,68402	2,86094	9,90601,77436	1,54957	9,86682,90966	4,41051	10,13317,09034	0	39
	10	9,77287,54496	2,86064	9,90600,22479	1,54973	9,86687,32017	4,41037	10,13312,67983	50	
	20	9,77290,40560	2,86036	9,90598,67506	1,54988	9,86691,73054	4,41024	10,13308,26946	40	
	30	9,77293,26596	2,86006	9,90597,12518	1,55004	9,86696,14078	4,41010	10,13303,85922	30	
	40	9,77296,12602	2,85977	9,90595,57514	1,55019	9,86700,55088	4,40996	10,13299,44912	20	
	50	9,77298,98579	2,85949	9,90594,02495	1,55036	9,86704,96084	4,40985	10,13295,03916	10	
22	0	9,77301,84528	2,85919	9,90592,47459	1,55051	9,86709,37069	4,40970	10,13290,62931	0	38
	10	9,77304,70447	2,85890	9,90590,92408	1,55067	9,86713,78039	4,40957	10,13286,21961	50	
	20	9,77307,56337	2,85861	9,90589,37341	1,55082	9,86718,18996	4,40943	10,13281,81004	40	
	30	9,77310,42198	2,85833	9,90587,82259	1,55099	9,86722,59939	4,40932	10,13277,40061	30	
	40	9,77313,28031	2,85803	9,90586,27160	1,55114	9,86727,00871	4,40917	10,13272,99129	20	
	50	9,77316,13834	2,85774	9,90584,72046	1,55150	9,86731,41788	4,40904	10,13268,58212	10	
23	0	9,77318,99608	2,85745	9,90583,16916	1,55145	9,86735,82692	4,40890	10,13264,17308	0	37
	10	9,77321,85353	2,85716	9,90581,61771	1,55162	9,86740,23582	4,40878	10,13259,76418	50	
	20	9,77324,71069	2,85687	9,90580,06609	1,55177	9,86744,64460	4,40864	10,13255,35540	40	
	30	9,77327,56756	2,85658	9,90578,51432	1,55193	9,86749,05324	4,40851	10,13250,94676	30	
	40	9,77330,42414	2,85630	9,90576,96239	1,55203	9,86753,46175	4,40838	10,13246,53825	20	
	50	9,77333,28044	2,85600	9,90575,41031	1,55225	9,86757,87013	4,40825	10,13242,12987	10	
24	0	9,77336,13644	2,85571	9,90573,85806	1,55240	9,86762,27838	4,40811	10,13237,72162	0	36
	10	9,77338,99215	2,85542	9,90572,30566	1,55255	9,86766,68649	4,40797	10,13233,31351	50	
	20	9,77341,84757	2,85513	9,90570,75311	1,55272	9,86771,09446	4,40785	10,13228,90554	40	
	30	9,77344,70270	2,85485	9,90569,20039	1,55288	9,86775,50231	4,40773	10,13224,49769	30	
	40	9,77347,55755	2,85455	9,90567,64751	1,55303	9,86779,91004	4,40758	10,13220,08996	20	
	50	9,77350,41210	2,85426	9,90566,09448	1,55319	9,86784,31762	4,40745	10,13215,68238	10	
25	0	9,77353,26636	2,85398	9,90564,54129	1,55334	9,86788,72507	4,40732	10,13211,27493	0	35
	10	9,77356,12034	2,85368	9,90562,98795	1,55351	9,86793,13239	4,40719	10,13206,86761	50	
	20	9,77358,97402	2,85339	9,90561,43444	1,55366	9,86797,53958	4,40705	10,13202,46042	40	
	30	9,77361,82741	2,85311	9,90559,88078	1,55382	9,86801,94663	4,40693	10,13198,05337	30	
	40	9,77364,68052	2,85281	9,90558,32696	1,55398	9,86806,35356	4,40679	10,13193,64644	20	
	50	9,77367,53333	2,85253	9,90556,77298	1,55413	9,86810,76035	4,40666	10,13189,23965	10	
26	0	9,77370,38586	2,85223	9,90555,21885	1,55430	9,86815,16701	4,40653	10,13184,83299	0	34
	10	9,77373,23809	2,85195	9,90553,66455	1,55445	9,86819,57354	4,40640	10,13180,42646	50	
	20	9,77376,09004	2,85166	9,90552,11010	1,55460	9,86823,97994	4,40626	10,13176,02006	40	
	30	9,77378,94170	2,85137	9,90550,55550	1,55477	9,86828,38620	4,40614	10,13171,61380	30	
	40	9,77381,79307	2,85107	9,90549,00073	1,55492	9,86832,79234	4,40599	10,13167,20766	20	
	50	9,77384,64414	2,85079	9,90547,44581	1,55509	9,86837,19833	4,40588	10,13162,80167	10	
27	0	9,77387,49493	2,85050	9,90545,89072	1,55524	9,86841,60421	4,40574	10,13158,39579	0	33
	10	9,77390,34543	2,85021	9,90544,33548	1,55539	9,86846,00995	4,40560	10,13153,99005	50	
	20	9,77393,19564	2,84993	9,90542,78009	1,55556	9,86850,41555	4,40549	10,13149,58445	40	
	30	9,77396,04557	2,84963	9,90541,22453	1,55571	9,86854,82104	4,40534	10,13145,17896	30	
	40	9,77398,89520	2,84935	9,90539,66882	1,55587	9,86859,22638	4,40522	10,13140,77362	20	
	50	9,77401,74455	2,84905	9,90538,11295	1,55603	9,86863,63160	4,40508	10,13136,36840	10	
28	0	9,77404,59360	2,84877	9,90536,55692	1,55619	9,86868,03668	4,40496	10,13131,96332	0	32
	10	9,77407,44237	2,84847	9,90535,00073	1,55634	9,86872,44164	4,40481	10,13127,55836	50	
	20	9,77410,29084	2,84819	9,90533,44439	1,55650	9,86876,84645	4,40469	10,13123,15355	40	
	30	9,77413,13903	2,84790	9,90531,88789	1,55666	9,86881,25114	4,40456	10,13118,74886	30	
	40	9,77415,98693	2,84761	9,90530,33123	1,56682	9,86885,65570	4,40443	10,13114,34430	20	
	50	9,77418,83454	2,84732	9,90528,77441	1,55697	9,86890,06013	4,40429	10,13109,93987	10	
29	0	9,77421,68186	2,84703	9,90527,21744	1,55714	9,86894,46442	4,40417	10,13105,53558	0	31
	10	9,77424,52889	2,84675	9,90525,66030	1,55729	9,86898,86859	4,40404	10,13101,13141	50	
	20	9,77427,37564	2,84645	9,90524,10301	1,55745	9,86903,27263	4,40390	10,13096,72737	40	
	30	9,77430,22209	2,84617	9,90522,54556	1,55761	9,86907,67653	4,40378	10,13092,32347	30	
	40	9,77433,06826	2,84588	9,90520,98795	1,55776	9,86912,08031	4,40364	10,13087,91969	20	
	50	9,77435,91414	2,84559	9,90519,43019	1,55792	9,86916,48395	4,40351	10,13083,51605	10	
30	0	9,77438,75973	2,84530	9,90517,87227	1,55809	9,86920,88746	4,40339	10,13079,11254	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logaritgmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,77438,75973	2,84530	9,90517,87227	1,55809	9,86920,88746	4,40339	10,13079,11254	0	30
	10	9,77441,60503	2,84502	9,90516,31418	1,55823	9,86925,29085	4,40325	10,13074,70915	50	
	20	9,77444,45005	2,84472	9,90514,75595	1,55840	9,86929,69410	4,40312	10,13070,30590	40	
	30	9,77447,29477	2,84444	9,90513,19755	1,55856	9,86934,09722	4,40300	10,13065,90278	30	
	40	9,77450,13921	2,84414	9,90511,63899	1,55871	9,86938,50022	4,40285	10,13061,49978	20	
	50	9,77452,98335	2,84386	9,90510,08028	1,55887	9,86942,90307	4,40273	10,13057,09693	10	
31	0	9,77455,82721	2,84358	9,90508,52141	1,55903	9,86947,30580	4,40261	10,13052,69420	0	29
	10	9,77458,67079	2,84328	9,90506,96238	1,55919	9,86951,70841	4,40247	10,13048,29159	50	
	20	9,77461,51407	2,84299	9,90505,40319	1,55934	9,86956,11088	4,40233	10,13043,88912	40	
	30	9,77464,35706	2,84271	9,90503,84385	1,55951	9,86960,51321	4,40222	10,13039,48679	30	
	40	9,77467,19977	2,84242	9,90502,28434	1,55966	9,86964,91543	4,40208	10,13035,08457	20	
	50	9,77470,04219	2,84213	9,90500,72468	1,55982	9,86969,31751	4,40195	10,13030,68249	10	
32	0	9,77472,88432	2,84184	9,90499,16486	1,55998	9,86973,71946	4,40182	10,13026,28054	0	28
	10	9,77475,72616	2,84156	9,90497,60488	1,56013	9,86978,12128	4,40169	10,13021,87872	50	
	20	9,77478,56772	2,84126	9,90496,04475	1,56030	9,86982,52297	4,40156	10,13017,47703	40	
	30	9,77481,40898	2,84098	9,90494,48445	1,56045	9,86986,92453	4,40143	10,13013,07547	30	
	40	9,77484,24996	2,84069	9,90492,92400	1,56061	9,86991,32596	4,40130	10,13008,67404	20	
	50	9,77487,09065	2,84040	9,90491,36339	1,56077	9,86995,72726	4,40117	10,13004,27274	10	
33	0	9,77489,93105	2,84012	9,90489,80262	1,56092	9,87000,12843	4,40104	10,12999,87157	0	27
	10	9,77492,77117	2,83983	9,90488,24170	1,56109	9,87004,52947	4,40092	10,12995,47053	50	
	20	9,77495,61100	2,83953	9,90486,68061	1,56124	9,87008,93039	4,40077	10,12991,06961	40	
	30	9,77498,45053	2,83925	9,90485,11937	1,56140	9,87013,33116	4,40065	10,12986,66884	30	
	40	9,77501,28978	2,83897	9,90483,55797	1,56156	9,87017,73181	4,40053	10,12982,26819	20	
	50	9,77504,12875	2,83868	9,90481,99641	1,56172	9,87022,13234	4,40040	10,12977,86766	10	
34	0	9,77506,96743	2,83838	9,90480,43469	1,56188	9,87026,53274	4,40026	10,12973,46726	0	26
	10	9,77509,80581	2,83810	9,90478,87281	1,56203	9,87030,93300	4,40013	10,12969,06700	50	
	20	9,77512,64391	2,83782	9,90477,31078	1,56219	9,87035,33313	4,40001	10,12964,66687	40	
	30	9,77515,48173	2,83752	9,90475,74859	1,56235	9,87039,73314	4,39987	10,12960,26686	30	
	40	9,77518,31925	2,83724	9,90474,18624	1,56251	9,87044,13301	4,39975	10,12955,86699	20	
	50	9,77521,15649	2,83695	9,90472,62373	1,56267	9,87048,53276	4,39962	10,12951,46724	10	
35	0	9,77523,99344	2,83667	9,90471,06106	1,56282	9,87052,93238	4,39949	10,12947,06762	0	25
	10	9,77526,83011	2,83637	9,90469,49824	1,56299	9,87057,33187	4,39936	10,12942,66813	50	
	20	9,77529,66648	2,83609	9,90467,93525	1,56314	9,87061,73123	4,39923	10,12938,26877	40	
	30	9,77532,50257	2,83581	9,90466,37211	1,56330	9,87066,13046	4,39911	10,12933,86954	30	
	40	9,77535,33838	2,83551	9,90464,80881	1,56346	9,87070,52957	4,39897	10,12929,47043	20	
	50	9,77538,17389	2,83523	9,90463,24535	1,56362	9,87074,92854	4,39885	10,12925,07146	10	
36	0	9,77541,00912	2,83494	9,90461,68173	1,56377	9,87079,32739	4,39871	10,12920,67261	0	24
	10	9,77543,84406	2,83465	9,90460,11796	1,56394	9,87083,72610	4,39859	10,12916,27390	50	
	20	9,77546,67871	2,83437	9,90458,55402	1,56409	9,87088,12469	4,39846	10,12911,87531	40	
	30	9,77549,51308	2,83407	9,90456,98993	1,56425	9,87092,52315	4,39832	10,12907,47685	30	
	40	9,77552,34715	2,83380	9,90455,42568	1,56441	9,87096,92147	4,39821	10,12903,07853	20	
	50	9,77555,18095	2,83350	9,90453,86127	1,56457	9,87101,31968	4,39807	10,12898,68032	10	
37	0	9,77558,01445	2,83322	9,90452,29670	1,56472	9,87105,71775	4,39794	10,12894,28225	0	23
	10	9,77560,84767	2,83293	9,90450,73198	1,56489	9,87110,11569	4,39782	10,12889,88431	50	
	20	9,77563,68060	2,83265	9,90449,16709	1,56504	9,87114,51351	4,39769	10,12885,48649	40	
	30	9,77566,51325	2,83235	9,90447,60205	1,56520	9,87118,91120	4,39755	10,12881,08880	30	
	40	9,77569,34560	2,83207	9,90446,03685	1,56536	9,87123,30875	4,39743	10,12876,69125	20	
	50	9,77572,17767	2,83179	9,90444,47149	1,56552	9,87127,70618	4,39731	10,12872,29382	10	
38	0	9,77575,00946	2,83150	9,90442,90597	1,56568	9,87132,10349	4,39718	10,12867,89651	0	22
	10	9,77577,84096	2,83121	9,90441,34029	1,56583	9,87136,50067	4,39704	10,12863,49933	50	
	20	9,77580,67217	2,83092	9,90439,77446	1,56600	9,87140,89771	4,39692	10,12859,10229	40	
	30	9,77583,50309	2,83064	9,90438,20846	1,56615	9,87145,29463	4,39679	10,12854,70537	30	
	40	9,77586,33373	2,83035	9,90436,64231	1,56631	9,87149,69142	4,39666	10,12850,30858	20	
	50	9,77589,16408	2,83006	9,90435,07600	1,56647	9,87154,08808	4,39653	10,12845,91192	10	
39	0	9,77591,99414	2,82978	9,90433,50953	1,56663	9,87158,48461	4,39641	10,12841,51539	0	21
	10	9,77594,82392	2,82949	9,90431,94290	1,56679	9,87162,88102	4,39628	10,12837,11898	50	
	20	9,77597,65341	2,82921	9,90430,37611	1,56694	9,87167,27730	4,39615	10,12832,72270	40	
	30	9,77600,48262	2,82892	9,90428,80917	1,56711	9,87171,67345	4,39603	10,12828,32655	30	
	40	9,77603,31154	2,82863	9,90427,24206	1,56726	9,87176,06948	4,39589	10,12823,93052	20	
	50	9,77606,14017	2,82834	9,90425,67480	1,56742	9,87180,46537	4,39576	10,12819,53463	10	
40	0	9,77608,96851	2,82806	9,90424,10738	1,56758	9,87184,86113	4,39564	10,12815,13887	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,77608,96851		9,90424,10738		9,87184,86113		10,12815,13887	0	20
	10	9,77611,79657	2,82806	9,90422,53980	1,56758	9,87189,25677	4,39564	10,12810,74323	50	
	20	9,77614,62435	2,82778	9,90420,97206	1,56774	9,87193,65229	4,39552	10,12806,34771	40	
	30	9,77617,45183	2,82748	9,90419,40416	1,56790	9,87198,04767	4,39538	10,12801,95233	30	
	40	9,77620,27904	2,82721	9,90417,83610	1,56806	9,87202,44294	4,39527	10,12797,55706	20	
	50	9,77623,10595	2,82691	9,90416,26789	1,56821	9,87206,83806	4,39512	10,12793,16194	10	
41	0	9,77625,93258	2,82663	9,90414,69952	1,56837	9,87211,23306	4,39500	10,12788,76694	0	19
	10	9,77628,75892	2,82634	9,90413,13099	1,56853	9,87215,62793	4,39487	10,12784,37207	50	
	20	9,77631,58498	2,82606	9,90411,56230	1,56869	9,87220,02268	4,39475	10,12779,97732	40	
	30	9,77634,41075	2,82577	9,90409,99345	1,56885	9,87224,41730	4,39462	10,12775,58270	30	
	40	9,77637,23624	2,82549	9,90408,42444	1,56901	9,87228,81180	4,39450	10,12771,18820	20	
	50	9,77640,06144	2,82520	9,90406,85527	1,56917	9,87233,20617	4,39437	10,12766,79383	10	
42	0	9,77642,88635	2,82491	9,90405,28594	1,56933	9,87237,60041	4,39424	10,12762,39959	0	18
	10	9,77645,71098	2,82463	9,90403,71646	1,56948	9,87241,99452	4,39411	10,12758,00548	50	
	20	9,77648,53532	2,82434	9,90402,14681	1,56965	9,87246,38851	4,39399	10,12753,61149	40	
	30	9,77651,35938	2,82406	9,90400,57701	1,56980	9,87250,78237	4,39386	10,12749,21763	30	
	40	9,77654,18315	2,82377	9,90399,00705	1,56996	9,87255,17610	4,39373	10,12744,82390	20	
	50	9,77657,00663	2,82348	9,90397,43693	1,57012	9,87259,56970	4,39360	10,12740,43030	10	
43	0	9,77659,82983	2,82320	9,90395,86665	1,57028	9,87263,96318	4,39348	10,12736,03682	0	17
	10	9,77662,65274	2,82291	9,90394,29621	1,57044	9,87268,35653	4,39335	10,12731,64347	50	
	20	9,77665,47537	2,82263	9,90392,72562	1,57059	9,87272,74975	4,39322	10,12727,25025	40	
	30	9,77668,29772	2,82235	9,90391,15486	1,57076	9,87277,14286	4,39311	10,12722,85714	30	
	40	9,77671,11977	2,82205	9,90389,58395	1,57091	9,87281,53582	4,39296	10,12718,46418	20	
	50	9,77673,94154	2,82177	9,90388,01287	1,57108	9,87285,92867	4,39285	10,12714,07133	10	
44	0	9,77676,76303	2,82149	9,90386,44164	1,57123	9,87290,32139	4,39272	10,12709,67861	0	16
	10	9,77679,58423	2,82120	9,90384,87025	1,57139	9,87294,71398	4,39259	10,12705,28602	50	
	20	9,77682,40515	2,82092	9,90383,29870	1,57155	9,87299,10645	4,39247	10,12700,89355	40	
	30	9,77685,22578	2,82063	9,90381,72699	1,57171	9,87303,49879	4,39234	10,12696,50121	30	
	40	9,77688,04612	2,82034	9,90380,15512	1,57187	9,87307,89100	4,39221	10,12692,10900	20	
	50	9,77690,86618	2,82006	9,90378,58309	1,57203	9,87312,28309	4,39209	10,12687,71691	10	
45	0	9,77693,68595	2,81977	9,90377,01091	1,57218	9,87316,67504	4,39195	10,12683,32496	0	15
	10	9,77696,50544	2,81949	9,90375,43856	1,57235	9,87321,06688	4,39184	10,12678,93312	50	
	20	9,77699,32465	2,81921	9,90373,86606	1,57250	9,87325,45859	4,39171	10,12674,54141	40	
	30	9,77702,14357	2,81892	9,90372,29339	1,57267	9,87329,85018	4,39159	10,12670,14982	30	
	40	9,77704,96220	2,81863	9,90370,72057	1,57282	9,87334,24163	4,39145	10,12665,75837	20	
	50	9,77707,78055	2,81835	9,90369,14759	1,57298	9,87338,63296	4,39133	10,12661,36704	10	
46	0	9,77710,59861	2,81806	9,90367,57445	1,57314	9,87343,02416	4,39120	10,12656,97584	0	14
	10	9,77713,41640	2,81779	9,90366,00115	1,57330	9,87347,41525	4,39109	10,12652,58475	50	
	20	9,77716,23389	2,81749	9,90364,42769	1,57346	9,87351,80620	4,39095	10,12648,19380	40	
	30	9,77719,05110	2,81721	9,90362,85408	1,57361	9,87356,19702	4,39082	10,12643,80298	30	
	40	9,77721,86802	2,81692	9,90361,28030	1,57378	9,87360,58772	4,39070	10,12639,41228	20	
	50	9,77724,68466	2,81664	9,90359,70636	1,57394	9,87364,97830	4,39058	10,12635,02170	10	
47	0	9,77727,50102	2,81636	9,90358,13227	1,57409	9,87369,36875	4,39045	10,12630,63125	0	13
	10	9,77730,31709	2,81607	9,90356,55801	1,57426	9,87373,75908	4,39033	10,12626,24092	50	
	20	9,77733,13287	2,81578	9,90354,98360	1,57441	9,87378,14927	4,39019	10,12621,85073	40	
	30	9,77735,94838	2,81551	9,90353,40903	1,57457	9,87382,53935	4,39008	10,12617,46065	30	
	40	9,77738,76359	2,81521	9,90351,83430	1,57473	9,87386,92929	4,38995	10,12613,07071	20	
	50	9,77741,57853	2,81494	9,90350,25941	1,57489	9,87391,31912	4,38983	10,12608,68088	10	
48	0	9,77744,39317	2,81464	9,90348,68436	1,57505	9,87395,70881	4,38969	10,12604,29119	0	12
	10	9,77747,20754	2,81437	9,90347,10915	1,57521	9,87400,09839	4,38958	10,12599,90161	50	
	20	9,77750,02162	2,81408	9,90345,53378	1,57537	9,87404,48784	4,38945	10,12595,51216	40	
	30	9,77752,83541	2,81379	9,90343,95825	1,57553	9,87408,87716	4,38932	10,12591,12284	30	
	40	9,77755,64892	2,81351	9,90342,38257	1,57568	9,87413,26635	4,38919	10,12586,73365	20	
	50	9,77758,46215	2,81323	9,90340,80672	1,57585	9,87417,65543	4,38908	10,12582,34457	10	
49	0	9,77761,27509	2,81294	9,90339,23071	1,57601	9,87422,04438	4,38895	10,12577,95562	0	11
	10	9,77764,08774	2,81265	9,90337,65455	1,57616	9,87426,43319	4,38881	10,12573,56681	50	
	20	9,77766,90012	2,81238	9,90336,07822	1,57633	9,87430,82190	4,38871	10,12569,17810	40	
	30	9,77769,71220	2,81208	9,90334,50174	1,57648	9,87435,21046	4,38856	10,12564,78954	30	
	40	9,77772,52401	2,81181	9,90332,92510	1,57664	9,87439,59891	4,38845	10,12560,40109	20	
	50	9,77775,33553	2,81152	9,90331,34830	1,57680	9,87443,98723	4,38832	10,12556,01277	10	
50	0	9,77778,14677	2,81124	9,90329,77134	1,57696	9,87448,37543	4,38820	10,12551,62457	0	10
		Sin. Compl.	2,81095	SINVVM	1,57712	Tang.compl	4,38807	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,77778,14677		9,90329,77134		9,87448,37543		10,12551,62457	0	10
	10	9,77780,95772	2,81095	9,90328,19422	1,57712	9,87452,76350	4,38807	10,12547,23650	50	
	20	9,77783,76839	2,81067	9,90326,61694	1,57728	9,87457,15145	4,38795	10,12542,84855	40	
	30	9,77786,57877	2,81038	9,90325,03950	1,57744	9,87461,53927	4,38782	10,12538,46073	30	
	40	9,77789,38887	2,81010	9,90323,46190	1,57760	9,87465,92697	4,38770	10,12534,07303	20	
	50	9,77792,19869	2,80982	9,90321,88414	1,57776	9,87470,31455	4,38758	10,12529,68545	10	
51	0	9,77795,00822	2,80953	9,90320,30622	1,57792	9,87474,70200	4,38745	10,12525,29800	0	9
	10	9,77797,81747	2,80925	9,90318,72815	1,57807	9,87479,08932	4,38732	10,12520,91068	50	
	20	9,77800,62644	2,80897	9,90317,14991	1,57824	9,87483,47653	4,38721	10,12516,52347	40	
	30	9,77803,43512	2,80868	9,90315,57151	1,57840	9,87487,86361	4,38708	10,12512,13639	30	
	40	9,77806,24352	2,80840	9,90313,99296	1,57855	9,87492,25056	4,38695	10,12507,74944	20	
	50	9,77809,05163	2,80811	9,90312,41424	1,57872	9,87496,63739	4,38683	10,12503,36261	10	
52	0	9,77811,85946	2,80783	9,90310,83537	1,57887	9,87501,02409	4,38670	10,12498,97591	0	8
	10	9,77814,66701	2,80755	9,90309,25634	1,57903	9,87505,41067	4,38658	10,12494,58933	50	
	20	9,77817,47427	2,80726	9,90307,67714	1,57920	9,87509,79713	4,38646	10,12490,20287	40	
	30	9,77820,28125	2,80698	9,90306,09779	1,57935	9,87514,18346	4,38633	10,12485,81654	30	
	40	9,77823,08795	2,80670	9,90304,51828	1,57951	9,87518,56967	4,38621	10,12481,43033	20	
	50	9,77825,89436	2,80641	9,90302,93861	1,57967	9,87522,95575	4,38608	10,12477,14425	10	
53	0	9,77828,70049	2,80613	9,90301,35878	1,57983	9,87527,34171	4,38596	10,12472,65829	0	7
	10	9,77831,50633	2,80584	9,90299,77879	1,57999	9,87531,72754	4,38583	10,12468,27246	50	
	20	9,77834,31189	2,80556	9,90298,19864	1,58015	9,87536,11325	4,38571	10,12463,88675	40	
	30	9,77837,11717	2,80528	9,90296,61833	1,58031	9,87540,49884	4,38559	10,12459,50116	30	
	40	9,77839,92217	2,80500	9,90295,03786	1,58047	9,87544,88431	4,38547	10,12455,11569	20	
	50	9,77842,72689	2,80472	9,90293,45723	1,58063	9,87549,26966	4,38535	10,12450,73034	10	
54	0	9,77845,53132	2,80443	9,90291,87644	1,58079	9,87553,65488	4,38522	10,12446,34512	0	6
	10	9,77848,33546	2,80414	9,90290,29549	1,58095	9,87558,03997	4,38509	10,12441,96003	50	
	20	9,77851,13932	2,80386	9,90288,71438	1,58111	9,87562,42494	4,38497	10,12437,57506	40	
	30	9,77853,94290	2,80358	9,90287,13312	1,58126	9,87566,80978	4,38484	10,12433,19022	30	
	40	9,77856,74620	2,80330	9,90285,55169	1,58143	9,87571,19451	4,38473	10,12428,80549	20	
	50	9,77859,54922	2,80302	9,90283,97010	1,58159	9,87575,57912	4,38461	10,12424,42088	10	
55	0	9,77862,35195	2,80273	9,90282,38835	1,58175	9,87579,96360	4,38448	10,12420,03640	0	5
	10	9,77865,15440	2,80245	9,90280,80645	1,58190	9,87584,34795	4,38435	10,12415,65205	50	
	20	9,77867,95656	2,80216	9,90279,22438	1,58207	9,87588,73218	4,38423	10,12411,26782	40	
	30	9,77870,75844	2,80188	9,90277,64216	1,58222	9,87593,11628	4,38410	10,12406,88372	30	
	40	9,77873,56004	2,80160	9,90276,05977	1,58239	9,87597,50027	4,38399	10,12402,49973	20	
	50	9,77876,36136	2,80132	9,90274,47723	1,58254	9,87601,88413	4,38386	10,12398,11587	10	
56	0	9,77879,16239	2,80103	9,90272,89452	1,58271	9,87606,26787	4,38374	10,12393,73213	0	4
	10	9,77881,96315	2,80076	9,90271,31166	1,58286	9,87610,65149	4,38362	10,12389,34851	50	
	20	9,77884,76362	2,80047	9,90269,72863	1,58303	9,87615,03499	4,38350	10,12384,96501	40	
	30	9,77887,56380	2,80018	9,90268,14545	1,58318	9,87619,41835	4,38336	10,12380,58165	30	
	40	9,77890,36371	2,79991	9,90266,56210	1,58335	9,87623,80161	4,38326	10,12376,19839	20	
	50	9,77893,16333	2,79962	9,90264,97860	1,58350	9,87628,18473	4,38312	10,12371,81527	10	
57	0	9,77895,96266	2,79933	9,90263,39494	1,58366	9,87632,56772	4,38299	10,12367,43228	0	3
	10	9,77898,76172	2,79906	9,90261,81111	1,58383	9,87636,95061	4,38289	10,12363,04939	50	
	20	9,77901,56049	2,79877	9,90260,22713	1,58398	9,87641,33336	4,38275	10,12358,66664	40	
	30	9,77904,35898	2,79849	9,90258,64299	1,58414	9,87645,71599	4,38263	10,12354,28401	30	
	40	9,77907,15719	2,79821	9,90257,05868	1,58431	9,87650,09851	4,38252	10,12349,90149	20	
	50	9,77909,95512	2,79793	9,90255,47422	1,58446	9,87654,48090	4,38239	10,12345,51910	10	
58	0	9,77912,75276	2,79764	9,90253,88960	1,58462	9,87658,86316	4,38226	10,12341,13684	0	2
	10	9,77915,55013	2,79737	9,90252,30482	1,58478	9,87663,24531	4,38215	10,12336,75469	50	
	20	9,77918,34721	2,79708	9,90250,71987	1,58495	9,87667,62734	4,38203	10,12332,37266	40	
	30	9,77921,14400	2,79679	9,90249,13477	1,58510	9,87672,00923	4,38189	10,12327,99077	30	
	40	9,77923,94052	2,79652	9,90247,54951	1,58526	9,87676,39101	4,38178	10,12323,60899	20	
	50	9,77926,73675	2,79623	9,90245,96409	1,58542	9,87680,77266	4,38165	10,12319,22734	10	
59	0	9,77929,53270	2,79595	9,90244,37850	1,58559	9,87685,15420	4,38154	10,12314,84580	0	1
	10	9,77932,32837	2,79567	9,90242,79276	1,58574	9,87689,53561	4,38141	10,12310,46439	50	
	20	9,77935,12376	2,79539	9,90241,20686	1,58590	9,87693,91690	4,38129	10,12306,08310	40	
	30	9,77937,91886	2,79510	9,90239,62079	1,58607	9,87698,29807	4,38117	10,12301,70193	30	
	40	9,77940,71369	2,79483	9,90238,03457	1,58622	9,87702,67912	4,38105	10,12297,32088	20	
	50	9,77943,50823	2,79454	9,90236,44819	1,58638	9,87707,06004	4,38092	10,12292,93996	10	
60	0	9,77946,30249	2,79426	9,90234,86165	1,58654	9,87711,44084	4,38080	10,12288,55916	0	0
		Sin. Compl.	2,79397	SINVVM	1,58670	Tang.compl	4,38067	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	9,77946,30249		9,90234,86165		9,87711,44084		10,12288,55916	0	60
	10	9,77949,09646	2,79397	9,90233,27495	1,58670	9,87715,82151	4,38067	10,12284,17849	50	
	20	9,77951,89016	2,79370	9,90231,68808	1,58687	9,87720,20208	4,38057	10,12279,79792	40	
	30	9,77954,68357	2,79341	9,90230,10106	1,58702	9,87724,58251	4,38043	10,12275,41749	30	
	40	9,77957,47670	2,79313	9,90228,51388	1,58718	9,87728,96282	4,38031	10,12271,03718	20	
	50	9,77960,26956	2,79286	9,90226,92654	1,58734	9,87733,34302	4,38020	10,12266,65698	10	
1	0	9,77963,06212	2,79256	9,90225,33903	1,58751	9,87737,72309	4,38007	10,12262,27691	0	59
	10	9,77965,85441	2,79229	9,90223,75137	1,58766	9,87742,10304	4,37995	10,12257,89696	50	
	20	9,77968,64642	2,79201	9,90222,16355	1,58782	9,87746,48287	4,37983	10,12253,51713	40	
	30	9,77971,43814	2,79172	9,90220,57556	1,58799	9,87750,86258	4,37971	10,12249,13742	30	
	40	9,77974,22958	2,79144	9,90218,98742	1,58814	9,87755,24216	4,37958	10,12244,75784	20	
	50	9,77977,02074	2,79116	9,90217,39912	1,58830	9,87759,62162	4,37946	10,12240,37838	10	
2	0	9,77979,81162	2,79088	9,90215,81065	1,58847	9,87764,00097	4,37935	10,12235,99903	0	58
	10	9,77982,60222	2,79060	9,90214,22203	1,58862	9,87768,38019	4,37922	10,12231,61981	50	
	20	9,77985,39254	2,79032	9,90212,63325	1,58878	9,87772,75929	4,37910	10,12227,24071	40	
	30	9,77988,18257	2,79003	9,90211,04430	1,58895	9,87777,13827	4,37898	10,12222,86173	30	
	40	9,77990,97233	2,78976	9,90209,45520	1,58910	9,87781,51713	4,37886	10,12218,48287	20	
	50	9,77993,76180	2,78947	9,90207,86593	1,58927	9,87785,89587	4,37874	10,12214,10413	10	
3	0	9,77996,55099	2,78919	9,90206,27651	1,58942	9,87790,27448	4,37861	10,12209,72552	0	57
	10	9,77999,33990	2,78891	9,90204,68692	1,58959	9,87794,65298	4,37850	10,12205,34702	50	
	20	9,78002,12853	2,78863	9,90203,09718	1,58974	9,87799,03135	4,37837	10,12200,96865	40	
	30	9,78004,91688	2,78835	9,90201,50727	1,58991	9,87803,40961	4,37826	10,12196,59039	30	
	40	9,78007,70494	2,78806	9,90199,91721	1,59006	9,87807,78773	4,37812	10,12192,21227	20	
	50	9,78010,49273	2,78779	9,90198,32698	1,59023	9,87812,16575	4,37802	10,12187,83425	10	
4	0	9,78013,28023	2,78750	9,90196,73659	1,59039	9,87816,54364	4,37789	10,12183,45636	0	56
	10	9,78016,06746	2,78723	9,90195,14605	1,59054	9,87820,92141	4,37777	10,12179,07859	50	
	20	9,78018,85440	2,78694	9,90193,55534	1,59071	9,87825,29906	4,37765	10,12174,70094	40	
	30	9,78021,64106	2,78666	9,90191,96447	1,59087	9,87829,67659	4,37753	10,12170,32341	30	
	40	9,78024,42744	2,78638	9,90190,37344	1,59103	9,87834,05400	4,37741	10,12165,94600	20	
	50	9,78027,21354	2,78610	9,90188,78225	1,59119	9,87838,43129	4,37729	10,12161,56871	10	
5	0	9,78029,99936	2,78582	9,90187,19090	1,59135	9,87842,80846	4,37717	10,12157,19154	0	55
	10	9,78032,78490	2,78554	9,90185,59939	1,59151	9,87847,18551	4,37705	10,12152,81449	50	
	20	9,78035,57016	2,78526	9,90184,00772	1,59167	9,87851,56244	4,37693	10,12148,43756	40	
	30	9,78038,35514	2,78498	9,90182,41589	1,59183	9,87855,93925	4,37681	10,12144,06075	30	
	40	9,78041,13984	2,78470	9,90180,82390	1,59199	9,87860,31594	4,37669	10,12139,68406	20	
	50	9,78043,92425	2,78441	9,90179,23175	1,59215	9,87864,69250	4,37656	10,12135,30750	10	
6	0	9,78046,70839	2,78414	9,90177,63944	1,59231	9,87869,06895	4,37645	10,12130,93105	0	54
	10	9,78049,49224	2,78385	9,90176,04697	1,59247	9,87873,44527	4,37632	10,12126,55473	50	
	20	9,78052,27582	2,78358	9,90174,45434	1,59263	9,87827,82148	4,37621	10,12122,17852	40	
	30	9,78055,05911	2,78329	9,90172,86154	1,59280	9,87882,19757	4,37609	10,12117,80243	30	
	40	9,78057,84212	2,78301	9,90171,26859	1,59295	9,87886,57353	4,37596	10,12113,42647	20	
	50	9,78060,62486	2,78274	9,90169,67548	1,59311	9,87890,94938	4,37585	10,12109,05062	10	
7	0	9,78063,40731	2,78245	9,90168,08220	1,59328	9,87895,32511	4,37573	10,12104,67489	0	53
	10	9,78066,18948	2,78217	9,90166,48877	1,59343	9,87899,70071	4,37560	10,12100,29929	50	
	20	9,78068,97137	2,78189	9,90164,89518	1,59359	9,87904,07619	4,37548	10,12095,92381	40	
	30	9,78071,75299	2,78162	9,90163,30142	1,59376	9,87908,45157	4,37538	10,12091,54843	30	
	40	9,78074,53432	2,78133	9,90161,70750	1,59392	9,87912,82682	4,37525	10,12087,17318	20	
	50	9,78077,31537	2,78105	9,90160,11343	1,59407	9,87917,20194	4,37512	10,12082,79806	10	
8	0	9,78080,09614	2,78077	9,90158,51919	1,59424	9,87921,57695	4,37501	10,12078,42305	0	52
	10	9,78082,87663	2,78049	9,90156,92479	1,59440	9,87925,95184	4,37489	10,12074,04816	50	
	20	9,78085,65684	2,78021	9,90155,33023	1,59456	9,87930,32661	4,37477	10,12069,67339	40	
	30	9,78088,43677	2,77993	9,90153,73551	1,59472	9,87934,70126	4,37465	10,12065,29874	30	
	40	9,78091,21642	2,77965	9,90152,14063	1,59488	9,87939,07579	4,37453	10,12060,92421	20	
	50	9,78093,99580	2,77938	9,90150,54559	1,59504	9,87943,45021	4,37442	10,12056,54979	10	
9	0	9,78096,77489	2,77909	9,90148,95039	1,59520	9,87947,82450	4,37429	10,12052,17550	0	51
	10	9,78099,55370	2,77881	9,90147,35503	1,59536	9,87952,19867	4,37417	10,12047,80133	50	
	20	9,78102,33223	2,77853	9,90145,75950	1,59553	9,87956,57273	4,37406	10,12043,42727	40	
	30	9,78105,11048	2,77825	9,90144,16382	1,59568	9,87960,94666	4,37393	10,12039,05334	30	
	40	9,78107,88845	2,77797	9,90142,56798	1,59584	9,87965,32047	4,37381	10,12034,67953	20	
	50	9,78110,66614	2,77769	9,90140,97197	1,59601	9,87969,69417	4,37370	10,12030,30583	10	
10	0	9,78113,44356	2,77742	9,90139,37580	1,59617	9,87974,06776	4,37359	10,12025,93224	0	50
		Sin. Compl.	2,77714	SINVVM	1,59632	Tang.compl	4,37346	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	9,78113,44355		9,90139,37580		9,87974,06775		10,12025,93225	0	50
	10	9,78116,22069	2,77714	9,90137,77948	1,59632	9,87978,44121	4,37346	10,12021,55879	50	
	20	9,78118,99755	2,77686	9,90136,18299	1,59649	9,87982,81456	4,37335	10,12017,18544	40	
	30	9,78121,77411	2,77656	9,90134,58634	1,59665	9,87987,18777	4,37321	10,12012,81223	30	
	40	9,78124,55039	2,77628	9,90132,98954	1,59680	9,87991,56085	4,37308	10,12008,43915	20	
	50	9,78127,32641	2,77602	9,90131,39257	1,59697	9,87995,93384	4,37299	10,12004,06616	10	
11	0	9,78130,10215	2,77574	9,90129,79544	1,59713	9,88000,30671	4,37287	10,11999,69329	0	49
	10	9,78132,87761	2,77546	9,90128,19815	1,59729	9,88004,67946	4,37275	10,11995,32054	50	
	20	9,78135,65279	2,77518	9,90126,60070	1,59745	9,88009,05209	4,37263	10,11990,94791	40	
	30	9,78138,42767	2,77488	9,90125,00309	1,59761	9,88013,42458	4,37249	10,11986,57542	30	
	40	9,78141,20227	2,77460	9,90123,40532	1,59777	9,88017,79695	4,37237	10,11982,20305	20	
	50	9,78143,97662	2,77435	9,90121,80738	1,59794	9,88022,16924	4,37229	10,11977,83076	10	
12	0	9,78146,75069	2,77407	9,90120,20928	1,59810	9,88026,54141	4,37217	10,11973,45859	0	48
	10	9,78149,52448	2,77379	9,90118,61102	1,59826	9,88030,91346	4,37205	10,11969,08654	50	
	20	9,78152,29799	2,77351	9,90117,01260	1,59842	9,88035,28539	4,37193	10,11964,71461	40	
	30	9,78155,07120	2,77321	9,90115,41402	1,59858	9,88039,65718	4,37179	10,11960,34282	30	
	40	9,78157,84413	2,77293	9,90113,81528	1,59874	9,88044,02885	4,37167	10,11955,97115	20	
	50	9,78160,61681	2,77268	9,90112,21638	1,59890	9,88048,40043	4,37158	10,11951,59957	10	
13	0	9,78163,38919	2,77238	9,90110,61732	1,59906	9,88052,77187	4,37144	10,11947,22813	0	47
	10	9,78166,16129	2,77210	9,90109,01811	1,59921	9,88057,14318	4,37131	10,11942,85682	50	
	20	9,78168,93312	2,77183	9,90107,41872	1,59939	9,88061,51440	4,37122	10,11938,48560	40	
	30	9,78171,70467	2,77155	9,90105,81918	1,59954	9,88065,88549	4,37109	10,11934,11451	30	
	40	9,78174,47592	2,77125	9,90104,21947	1,59971	9,88070,25645	4,37096	10,11929,74355	20	
	50	9,78177,24692	2,77100	9,90102,61960	1,59987	9,88074,62732	4,37087	10,11925,37268	10	
14	0	9,78180,01764	2,77072	9,90101,01957	1,60003	9,88078,99807	4,37075	10,11921,00193	0	46
	10	9,78182,78808	2,77044	9,90099,41938	1,60019	9,88083,36870	4,37063	10,11916,63130	50	
	20	9,78185,55823	2,77015	9,90097,81903	1,60035	9,88087,73920	4,37050	10,11912,26080	40	
	30	9,78188,32809	2,76986	9,90096,21852	1,60051	9,88092,10957	4,37037	10,11907,89043	30	
	40	9,78191,09769	2,76960	9,90094,61784	1,60068	9,88096,47985	4,37028	10,11903,52015	20	
	50	9,78193,86701	2,76932	9,90093,01701	1,60083	9,88100,85000	4,37015	10,11899,15000	10	
15	0	9,78196,63604	2,76903	9,90091,41602	1,60099	9,88105,22002	4,37002	10,11894,77998	0	45
	10	9,78199,40479	2,76875	9,90089,81487	1,60115	9,88109,58992	4,36990	10,11890,41008	50	
	20	9,78202,17327	2,76848	9,90088,21356	1,60131	9,88113,95971	4,36979	10,11886,04029	40	
	30	9,78204,94148	2,76821	9,90086,61208	1,60148	9,88118,32940	4,36969	10,11881,67060	30	
	40	9,78207,70941	2,76793	9,90085,01044	1,60164	9,88122,69897	4,36957	10,11877,30103	20	
	50	9,78210,47706	2,76765	9,90083,40864	1,60180	9,88127,06842	4,36945	10,11872,93158	10	
16	0	9,78213,24442	2,76736	9,90081,80668	1,60196	9,88131,43774	4,36932	10,11868,56226	0	44
	10	9,78216,01150	2,76708	9,90080,20457	1,60211	9,88135,80693	4,36919	10,11864,19307	50	
	20	9,78218,77831	2,76681	9,90078,60229	1,60228	9,88140,17602	4,36909	10,11859,82398	40	
	30	9,78221,54483	2,76652	9,90076,99985	1,60244	9,88144,54498	4,36896	10,11855,45502	30	
	40	9,78224,31109	2,76626	9,90075,39724	1,60261	9,88148,91385	4,36887	10,11851,08615	20	
	50	9,78227,07707	2,76598	9,90073,79447	1,60277	9,88153,28260	4,36875	10,11846,71740	10	
17	0	9,78229,84276	2,76569	9,90072,19154	1,60293	9,88157,65122	4,36862	10,11842,34878	0	43
	10	9,78232,60817	2,76541	9,90070,58846	1,60308	9,88162,01971	4,36849	10,11837,98029	50	
	20	9,78235,37331	2,76514	9,90068,98521	1,60325	9,88166,38810	4,36839	10,11833,61190	40	
	30	9,78238,13817	2,76486	9,90067,38180	1,60341	9,88170,75637	4,36827	10,11829,24363	30	
	40	9,78240,90275	2,76458	9,90065,77823	1,60357	9,88175,12452	4,36815	10,11824,87548	20	
	50	9,78243,66706	2,76431	9,90064,17449	1,60374	9,88179,49257	4,36805	10,11820,50743	10	
18	0	9,78246,43110	2,76404	9,90062,57059	1,60390	9,88183,86051	4,36794	10,11816,13949	0	42
	10	9,78249,19485	2,76375	9,90060,96653	1,60406	9,88188,22832	4,36781	10,11811,77168	50	
	20	9,78251,95832	2,76347	9,90059,36231	1,60422	9,88192,59601	4,36769	10,11807,40399	40	
	30	9,78254,72152	2,76320	9,90057,75793	1,60438	9,88196,96359	4,36758	10,11803,03641	30	
	40	9,78257,48444	2,76292	9,90056,15339	1,60454	9,88201,33105	4,36746	10,11798,66895	20	
	50	9,78260,24707	2,76263	9,90054,54869	1,60470	9,88205,69838	4,36733	10,11794,30162	10	
19	0	9,78263,00943	2,76236	9,90052,94383	1,60486	9,88210,06560	4,36722	10,11789,93440	0	41
	10	9,78265,77150	2,76207	9,90051,33881	1,60502	9,88214,43269	4,36709	10,11785,56731	50	
	20	9,78268,53331	2,76181	9,90049,73362	1,60519	9,88218,79969	4,36700	10,11781,20031	40	
	30	9,78271,29485	2,76154	9,90048,12827	1,60535	9,88223,16658	4,36689	10,11776,83342	30	
	40	9,78274,05611	2,76126	9,90046,52276	1,60551	9,88227,53335	4,36677	10,11772,46665	20	
	50	9,78276,81709	2,76098	9,90044,91709	1,60567	9,88231,90000	4,36665	10,11768,10000	10	
20	0	9,78279,57777	2,76068	9,90043,31126	1,60583	9,88236,26651	4,36651	10,11763,73349	0	40
		Sin. Compl.	2,76041	SINVVM	1,60599	Tang.compl	4,36640	TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
20	0	9,78279,57777	2,76041	9,90043,31126	1,60599	9,88236,26651	4,36640	10,11763,73349	0	40
	10	9,78282,33818	2,76014	9,90041,70527	1,60615	9,88240,63291	4,36629	10,11759,36709	50	
	20	9,78285,09832	2,75986	9,90040,09912	1,60632	9,88244,99920	4,36618	10,11755,00080	40	
	30	9,78287,85818	2,75959	9,90038,49280	1,60648	9,88249,36538	4,36607	10,11750,63462	30	
	40	9,78290,61777	2,75931	9,90036,88632	1,60664	9,88253,73145	4,36595	10,11746,26855	20	
	50	9,78293,37708	2,75902	9,90035,27968	1,60680	9,88258,09740	4,36582	10,11741,90260	10	
21	0	9,78296,13610	2,75875	9,90033,67288	1,60696	9,88262,46322	4,36571	10,11737,53678	0	39
	10	9,78298,89485	2,75847	9,90032,06592	1,60712	9,88266,82893	4,36559	10,11733,17107	50	
	20	9,78301,65332	2,75821	9,90030,45880	1,60729	9,88271,19452	4,36550	10,11728,80548	40	
	30	9,78304,41153	2,75792	9,90028,85151	1,60745	9,88275,56002	4,36537	10,11724,43998	30	
	40	9,78307,16945	2,75764	9,90027,24406	1,60761	9,88279,92539	4,36525	10,11720,07461	20	
	50	9,78309,92709	2,75737	9,90025,63645	1,60777	9,88284,29064	4,36514	10,11715,70936	10	
22	0	9,78312,68446	2,75708	9,90024,02868	1,60793	9,88288,65578	4,36501	10,11711,34422	0	38
	10	9,78315,44154	2,75681	9,90022,42075	1,60809	9,88293,02079	4,36490	10,11706,97921	50	
	20	9,78318,19835	2,75654	9,90020,81266	1,60825	9,88297,38569	4,36479	10,11702,61431	40	
	30	9,78320,95489	2,75625	9,90019,20441	1,60842	9,88301,75048	4,36467	10,11698,24952	30	
	40	9,78323,71114	2,75599	9,90017,59599	1,60858	9,88306,11515	4,36457	10,11693,88485	20	
	50	9,78326,46713	2,75571	9,90015,98741	1,60874	9,88310,47972	4,36445	10,11689,52028	10	
23	0	9,78329,22284	2,75543	9,90014,37867	1,60890	9,88314,84417	4,36433	10,11685,15583	0	37
	10	9,78331,97827	2,75515	9,90012,76977	1,60906	9,88319,20850	4,36421	10,11680,79150	50	
	20	9,78334,73342	2,75486	9,90011,16071	1,60922	9,88323,57271	4,36408	10,11676,42729	40	
	30	9,78337,48828	2,75460	9,90009,55149	1,60939	9,88327,93679	4,36399	10,11672,06321	30	
	40	9,78340,24288	2,75432	9,90007,94210	1,60955	9,88332,30078	4,36387	10,11667,69922	20	
	50	9,78342,99720	2,75404	9,90006,33255	1,60971	9,88336,66465	4,36375	10,11663,33535	10	
24	0	9,78345,75124	2,75377	9,90004,72284	1,60987	9,88341,02840	4,36364	10,11658,97160	0	36
	10	9,78348,50501	2,75349	9,90003,11297	1,61004	9,88345,39204	4,36353	10,11654,60796	50	
	20	9,78351,25850	2,75321	9,90001,50293	1,61019	9,88349,75557	4,36340	10,11650,24443	40	
	30	9,78354,01171	2,75293	9,89999,89274	1,61036	9,88354,11897	4,36329	10,11645,88103	30	
	40	9,78356,76464	2,75266	9,89998,28238	1,61052	9,88358,48226	4,36318	10,11641,51774	20	
	50	9,78359,51730	2,75239	9,89996,67186	1,61068	9,88362,84544	4,36307	10,11637,15456	10	
25	0	9,78362,26969	2,75211	9,89995,06118	1,61084	9,88367,20851	4,36295	10,11632,79149	0	35
	10	9,78365,02180	2,75183	9,89993,45034	1,61100	9,88371,57146	4,36283	10,11628,42854	50	
	20	9,78367,77363	2,75155	9,89991,83934	1,61117	9,88375,93429	4,36272	10,11624,06571	40	
	30	9,78370,52518	2,75128	9,89990,22817	1,61133	9,88380,29701	4,36261	10,11619,70299	30	
	40	9,78373,27646	2,75100	9,89988,61684	1,61149	9,88384,65962	4,36249	10,11615,34038	20	
	50	9,78376,02746	2,75073	9,89987,00535	1,61165	9,88389,02211	4,36238	10,11610,97789	10	
26	0	9,78378,77819	2,75044	9,89985,39370	1,61181	9,88393,38449	4,36225	10,11606,61551	0	34
	10	9,78381,52863	2,75017	9,89983,78189	1,61197	9,88397,74674	4,36214	10,11602,25326	50	
	20	9,78384,27880	2,74990	9,89982,16992	1,61214	9,88402,10888	4,36204	10,11597,89112	40	
	30	9,78387,02870	2,74961	9,89980,55778	1,61230	9,88406,47092	4,36191	10,11593,52908	30	
	40	9,78389,77831	2,74935	9,89978,94548	1,61247	9,88410,83283	4,36182	10,11589,16717	20	
	50	9,78392,52766	2,74908	9,89977,33301	1,61263	9,88415,19465	4,36171	10,11584,80535	10	
27	0	9,78395,27674	2,74880	9,89975,72038	1,61279	9,88419,55636	4,36159	10,11580,44364	0	33
	10	9,78398,02554	2,74852	9,89974,10759	1,61295	9,88423,91795	4,36147	10,11576,08205	50	
	20	9,78400,77406	2,74824	9,89972,49464	1,61311	9,88428,27942	4,36135	10,11571,72058	40	
	30	9,78403,52230	2,74796	9,89970,88153	1,61327	9,88432,64077	4,36123	10,11567,35923	30	
	40	9,78406,27026	2,74768	9,89969,26826	1,61343	9,88437,00200	4,36111	10,11562,99800	20	
	50	9,78409,01794	2,74741	9,89967,65483	1,61359	9,88441,36311	4,36100	10,11558,63689	10	
28	0	9,78411,76535	2,74712	9,89966,04124	1,61375	9,88445,72411	4,36087	10,11554,27589	0	32
	10	9,78414,51247	2,74685	9,89964,42749	1,61391	9,88450,08498	4,36076	10,11549,91502	50	
	20	9,78417,25932	2,74659	9,89962,81358	1,61408	9,88454,44574	4,36067	10,11545,55426	40	
	30	9,78420,00591	2,74632	9,89961,19950	1,61425	9,88458,80641	4,36057	10,11541,19359	30	
	40	9,78422,75223	2,74604	9,89959,58525	1,61441	9,88463,16698	4,36045	10,11536,83302	20	
	50	9,78425,49827	2,74576	9,89957,97084	1,61457	9,88467,52743	4,36033	10,11532,47257	10	
29	0	9,78428,24403	2,74548	9,89956,35627	1,61473	9,88471,88776	4,36021	10,11528,11224	0	31
	10	9,78430,98951	2,74520	9,89954,74154	1,61489	9,88476,24797	4,36009	10,11523,75203	50	
	20	9,78433,73471	2,74493	9,89953,12665	1,61505	9,88480,60806	4,35998	10,11519,39194	40	
	30	9,78436,47964	2,74465	9,89951,51160	1,61522	9,88484,96804	4,35987	10,11515,03196	30	
	40	9,78439,22429	2,74438	9,89949,89638	1,61538	9,88489,32791	4,35976	10,11510,67209	20	
	50	9,78441,96867	2,74411	9,89948,28100	1,61554	9,88493,68767	4,35965	10,11506,31233	10	
30	0	9,78444,71278	2,74383	9,89946,66546	1,61570	9,88498,04732	4,35953	10,11501,95268	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	M	S

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
30	0	9,78444,71278		9,89946,66546		9,88498,04732		10,11501,95268	0	30
	10	9,78447,45661	2,74383	9,89945,04976	1,61570	9,88502,40685	4,35953	10,11497,59315	50	
	20	9,78450,20017	2,74356	9,89943,43389	1,61587	9,88506,76628	4,35943	10,11493,23372	40	
	30	9,78452,94344	2,74327	9,89941,81786	1,61603	9,88511,12558	4,35930	10,11488,87442	30	
	40	9,78455,68644	2,74300	9,89940,20167	1,61619	9,88515,48477	4,35919	10,11484,51523	20	
	50	9,78458,42916	2,74272	9,89938,58532	1,61635	9,88519,84384	4,35907	10,11480,15616	10	
31	0	9,78461,17162	2,74246	9,89936,96881	1,61651	9,88524,20281	4,35897	10,11475,79719	0	29
	10	9,78463,91378	2,74216	9,89935,35214	1,61667	9,88528,56164	4,35883	10,11471,43836	50	
	20	9,78466,65567	2,74189	9,89933,73531	1,61683	9,88532,92036	4,35872	10,11467,07964	40	
	30	9,78469,39730	2,74163	9,89932,11831	1,61700	9,88537,27899	4,35863	10,11462,72101	30	
	40	9,78472,13866	2,74136	9,89930,50114	1,61717	9,88541,63752	4,35853	10,11458,36248	20	
	50	9,78474,87974	2,74108	9,89928,88381	1,61733	9,88545,99593	4,35841	10,11454,00407	10	
32	0	9,78477,62055	2,74081	9,89927,26632	1,61749	9,88550,35423	4,35830	10,11449,64577	0	28
	10	9,78480,36107	2,74052	9,89925,64867	1,61765	9,88554,71240	4,35817	10,11445,28760	50	
	20	9,78483,10131	2,74024	9,89924,03086	1,61781	9,88559,07045	4,35805	10,11440,92955	40	
	30	9,78485,84130	2,73999	9,89922,41288	1,61798	9,88563,42842	4,35797	10,11436,57158	30	
	40	9,78488,58101	2,73971	9,89920,79474	1,61814	9,88567,78627	4,35785	10,11432,21373	20	
	50	9,78491,32044	2,73943	9,89919,17644	1,61830	9,88572,14400	4,35773	10,11427,85600	10	
33	0	9,78494,05958	2,73914	9,89917,55798	1,61846	9,88576,50160	4,35760	10,11423,49840	0	27
	10	9,78496,79846	2,73888	9,89915,93935	1,61863	9,88580,85911	4,35751	10,11419,14089	50	
	20	9,78499,53706	2,73860	9,89914,32056	1,61879	9,88585,21650	4,35739	10,11414,78350	40	
	30	9,78502,27539	2,73833	9,89912,70161	1,61895	9,88589,57378	4,35728	10,11410,42622	30	
	40	9,78505,01343	2,73804	9,89911,08250	1,61911	9,88593,93093	4,35715	10,11406,06907	20	
	50	9,78507,75121	2,73778	9,89909,46323	1,61927	9,88598,28798	4,35705	10,11401,71202	10	
34	0	9,78510,48871	2,73750	9,89907,84380	1,61943	9,88602,64491	4,35693	10,11397,35509	0	26
	10	9,78513,22593	2,73722	9,89906,22421	1,61959	9,88607,00172	4,35681	10,11392,99828	50	
	20	9,78515,96288	2,73695	9,89904,60445	1,61976	9,88611,35843	4,35671	10,11388,64157	40	
	30	9,78518,69957	2,73669	9,89902,98452	1,61993	9,88615,71505	4,35662	10,11384,28495	30	
	40	9,78521,43597	2,73640	9,89901,36443	1,62009	9,88620,07154	4,35649	10,11379,92846	20	
	50	9,78524,17210	2,73613	9,89899,74418	1,62025	9,88624,42792	4,35638	10,11375,57208	10	
35	0	9,78526,90796	2,73586	9,89898,12377	1,62041	9,88628,78419	4,35627	10,11371,21581	0	25
	10	9,78529,64355	2,73559	9,89896,50319	1,62058	9,88633,14036	4,35617	10,11366,85964	50	
	20	9,78532,37886	2,73531	9,89894,88245	1,62074	9,88637,49641	4,35605	10,11362,50359	40	
	30	9,78535,11389	2,73503	9,89893,26155	1,62090	9,88641,85234	4,35593	10,11358,14766	30	
	40	9,78537,84864	2,73475	9,89891,64049	1,62106	9,88646,20815	4,35581	10,11353,79185	20	
	50	9,78540,58312	2,73448	9,89890,01927	1,62122	9,88650,56385	4,35570	10,11349,43615	10	
36	0	9,78543,31733	2,73421	9,89888,39789	1,62138	9,88654,91944	4,35559	10,11345,08056	0	24
	10	9,78546,05126	2,73393	9,89886,77635	1,62154	9,88659,27491	4,35547	10,11340,72509	50	
	20	9,78548,78492	2,73366	9,89885,15464	1,62171	9,88663,63028	4,35537	10,11336,36972	40	
	30	9,78551,51831	2,73339	9,89883,53276	1,62188	9,88667,98555	4,35527	10,11332,01445	30	
	40	9,78554,25142	2,73311	9,89881,91072	1,62204	9,88672,34070	4,35515	10,11327,65930	20	
	50	9,78556,98426	2,73284	9,89880,28852	1,62220	9,88676,69574	4,35504	10,11323,30426	10	
37	0	9,78559,71683	2,73257	9,89878,66616	1,62236	9,88681,05067	4,35493	10,11318,94933	0	23
	10	9,78562,44912	2,73229	9,89877,04364	1,62252	9,88685,40548	4,35481	10,11314,59452	50	
	20	9,78565,18113	2,73201	9,89875,42096	1,62268	9,88689,76017	4,35469	10,11310,23983	40	
	30	9,78567,91286	2,73173	9,89873,79811	1,62285	9,88694,11475	4,35458	10,11305,88525	30	
	40	9,78570,64433	2,73147	9,89872,17509	1,62302	9,88698,46924	4,35449	10,11301,53076	20	
	50	9,78573,37553	2,73120	9,89870,55191	1,62318	9,88702,82362	4,35438	10,11297,17638	10	
38	0	9,78576,10646	2,73093	9,89868,92857	1,62334	9,88707,17789	4,35427	10,11292,82211	0	22
	10	9,78578,83711	2,73065	9,89867,30507	1,62350	9,88711,53204	4,35415	10,11288,46796	50	
	20	9,78581,56749	2,73038	9,89865,68140	1,62367	9,88715,88609	4,35405	10,11284,11391	40	
	30	9,78584,29759	2,73010	9,89864,05757	1,62383	9,88720,24002	4,35393	10,11279,75998	30	
	40	9,78587,02741	2,72982	9,89862,43358	1,62399	9,88724,59383	4,35381	10,11275,40617	20	
	50	9,78589,75696	2,72955	9,89860,80943	1,62415	9,88728,94753	4,35370	10,11271,05247	10	
39	0	9,78592,48624	2,72928	9,89859,18512	1,62431	9,88733,30112	4,35359	10,11266,69888	0	21
	10	9,78595,21525	2,72901	9,89857,56064	1,62448	9,88737,65461	4,35349	10,11262,34539	50	
	20	9,78597,94398	2,72873	9,89855,93600	1,62464	9,88742,00798	4,35337	10,11257,99202	40	
	30	9,78600,67243	2,72845	9,89854,31120	1,62480	9,88746,36123	4,35325	10,11253,63877	30	
	40	9,78603,40062	2,72819	9,89852,68623	1,62497	9,88750,71439	4,35316	10,11249,28561	20	
	50	9,78606,12853	2,72791	9,89851,06110	1,62513	9,88755,06743	4,35304	10,11244,93257	10	
40	0	9,78608,85617	2,72764	9,89849,43581	1,62529	9,88759,42036	4,35293	10,11240,57964	0	20
		Sin. Compl.	2,72736	SINVVM	1,62545	Tang. compl	4,35281	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
40	0	9,78608,85617	2,72736	9,89849,43581	1,62545	9,88759,42036	4,35281	10,11240,57964	0	20
	10	9,78611,58353	2,72709	9,89847,81036	1,62562	9,88763,77317	4,35271	10,11236,22683	50	
	20	9,78614,31062	2,72681	9,89846,18474	1,62578	9,88768,12588	4,35259	10,11231,87412	40	
	30	9,78617,03743	2,72654	9,89844,55896	1,62595	9,88772,47847	4,35249	10,11227,52153	30	
	40	9,78619,76397	2,72628	9,89842,93301	1,62611	9,88776,83096	4,35239	10,11223,16904	20	
	50	9,78622,49025	2,72600	9,89841,30690	1,62627	9,88781,18335	4,35227	10,11218,81665	10	
41	0	9,78625,21625	2,72572	9,89839,68063	1,62643	9,88785,53562	4,35215	10,11214,46438	0	19
	10	9,78627,94197	2,72544	9,89838,05420	1,62659	9,88789,88777	4,35203	10,11210,11223	50	
	20	9,78630,66741	2,72519	9,89836,42761	1,62676	9,88794,23980	4,35195	10,11205,76020	40	
	30	9,78633,39260	2,72492	9,89834,80085	1,62693	9,88798,59175	4,35185	10,11201,40825	30	
	40	9,78636,11752	2,72464	9,89833,17392	1,62709	9,88802,94360	4,35173	10,11197,05640	20	
	50	9,78638,84216	2,72435	9,89831,54683	1,62725	9,88807,29533	4,35160	10,11192,70467	10	
42	0	9,78641,56651	2,72408	9,89829,91958	1,62741	9,88811,64693	4,35149	10,11188,35307	0	18
	10	9,78644,29059	2,72381	9,89828,29217	1,62757	9,88815,99842	4,35138	10,11184,00158	50	
	20	9,78647,01440	2,72355	9,89826,66460	1,62774	9,88820,34980	4,35129	10,11179,65020	40	
	30	9,78649,73795	2,72327	9,89825,03686	1,62790	9,88824,70109	4,35117	10,11175,29891	30	
	40	9,78652,46122	2,72300	9,89823,40896	1,62807	9,88829,05226	4,35107	10,11170,94774	20	
	50	9,78655,18422	2,72273	9,89821,78089	1,62823	9,88833,40333	4,35096	10,11166,59667	10	
43	0	9,78657,90695	2,72245	9,89820,15266	1,62840	9,88837,75429	4,35085	10,11162,24571	0	17
	10	9,78660,62940	2,72219	9,89818,52426	1,62856	9,88842,10514	4,35075	10,11157,89486	50	
	20	9,78663,35159	2,72190	9,89816,89570	1,62871	9,88846,45589	4,35061	10,11153,54411	40	
	30	9,78666,07349	2,72163	9,89815,26699	1,62888	9,88850,80650	4,35051	10,11149,19350	30	
	40	9,78668,79512	2,72135	9,89813,63811	1,62904	9,88855,15701	4,35039	10,11144,84299	20	
	50	9,78671,51647	2,72109	9,89812,00907	1,62920	9,88859,50740	4,35029	10,11140,49260	10	
44	0	9,78674,23756	2,72080	9,89810,37987	1,62936	9,88863,85769	4,35015	10,11136,14231	0	16
	10	9,78676,95836	2,72054	9,89808,75052	1,62953	9,88868,20784	4,35007	10,11131,79216	50	
	20	9,78679,67890	2,72026	9,89807,12099	1,62970	9,88872,55791	4,34996	10,11127,44209	40	
	30	9,78682,39916	2,71999	9,89805,49129	1,62986	9,88876,90787	4,34985	10,11123,09213	30	
	40	9,78685,11915	2,71974	9,89803,86143	1,63003	9,88881,25772	4,34977	10,11118,74228	20	
	50	9,78687,83889	2,71946	9,89802,23140	1,63019	9,88885,60749	4,34965	10,11114,39251	10	
45	0	9,78690,55835	2,71918	9,89800,60121	1,63035	9,88889,95714	4,34953	10,11110,04286	0	15
	10	9,78693,27753	2,71890	9,89798,97086	1,63051	9,88894,30667	4,34941	10,11105,69333	50	
	20	9,78695,99643	2,71864	9,89797,34035	1,63068	9,88898,65608	4,34932	10,11101,34392	40	
	30	9,78698,71507	2,71837	9,89795,70967	1,63084	9,88903,00540	4,34921	10,11096,99460	30	
	40	9,78701,43344	2,71809	9,89794,07883	1,63100	9,88907,35461	4,34909	10,11092,64539	20	
	50	9,78704,15153	2,71781	9,89792,44783	1,63116	9,88911,70370	4,34897	10,11088,29630	10	
46	0	9,78706,86934	2,71754	9,89790,81667	1,63133	9,88916,05267	4,34887	10,11083,94733	0	14
	10	9,78709,58688	2,71728	9,89789,18534	1,63150	9,88920,40154	4,34878	10,11079,59846	50	
	20	9,78712,30416	2,71701	9,89787,55384	1,63166	9,88924,75032	4,34867	10,11075,24968	40	
	30	9,78715,02117	2,71673	9,89785,92218	1,63182	9,88929,09899	4,34855	10,11070,90101	30	
	40	9,78717,73790	2,71645	9,89784,29036	1,63198	9,88933,44754	4,34843	10,11066,55246	20	
	50	9,78720,45435	2,71619	9,89782,65838	1,63214	9,88937,79597	4,34833	10,11062,20403	10	
47	0	9,78723,17054	2,71591	9,89781,02624	1,63230	9,88942,14430	4,34821	10,11057,85570	0	13
	10	9,78725,88645	2,71564	9,89779,39394	1,63247	9,88946,49251	4,34811	10,11053,50749	50	
	20	9,78728,60209	2,71537	9,89777,76147	1,63264	9,88950,84062	4,34801	10,11049,15938	40	
	30	9,78731,31746	2,71509	9,89776,12883	1,63280	9,88955,18863	4,34789	10,11044,81137	30	
	40	9,78734,03255	2,71483	9,89774,49603	1,63296	9,88959,53652	4,34779	10,11040,46348	20	
	50	9,78736,74738	2,71456	9,89772,86307	1,63313	9,88963,88431	4,34769	10,11036,11569	10	
48	0	9,78739,46194	2,71428	9,89771,22994	1,63329	9,88968,23200	4,34757	10,11031,76800	0	12
	10	9,78742,17622	2,71402	9,89769,59665	1,63346	9,88972,57957	4,34748	10,11027,42043	50	
	20	9,78744,89024	2,71375	9,89767,96319	1,63362	9,88976,92705	4,34737	10,11023,07295	40	
	30	9,78747,60399	2,71347	9,89766,32957	1,63378	9,88981,27442	4,34725	10,11018,72558	30	
	40	9,78750,31746	2,71319	9,89764,69579	1,63394	9,88985,62167	4,34713	10,11014,37833	20	
	50	9,78753,03065	2,71291	9,89763,06185	1,63410	9,88989,96880	4,34701	10,11010,03120	10	
49	0	9,78755,74356	2,71265	9,89761,42775	1,63427	9,88994,31581	4,34692	10,11005,68419	0	11
	10	9,78758,45021	2,71239	9,89759,79348	1,63444	9,88998,66273	4,34683	10,11001,33727	50	
	20	9,78761,16860	2,71211	9,89758,15904	1,63460	9,89003,00956	4,34671	10,10996,99044	40	
	30	9,78763,88071	2,71183	9,89756,52444	1,63476	9,89007,35627	4,34659	10,10992,64373	30	
	40	9,78766,59254	2,71157	9,89754,88968	1,63492	9,89011,70286	4,34649	10,10988,29714	20	
	50	9,78769,30411	2,71130	9,89753,25476	1,63509	9,89016,04935	4,34639	10,10983,95065	10	
50	0	9,78772,01541	2,71102	9,89751,61967	1,63525	9,89020,39574	4,34627	10,10979,60426	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.	S	M
50	0	9,78772,01541	2,71102	9,89751,61967	1,63525	9,89020,39574	4,34627	10,10979,60426	0	10
	10	9,78774,72643	2,71074	9,89749,98442	1,63541	9,89024,74201	4,34615	10,10975,25799	50	
	20	9,78777,43717	2,71049	9,89748,34901	1,63558	9,89029,08816	4,34607	10,10970,91184	40	
	30	9,78780,14766	2,71022	9,89746,71343	1,63575	9,89033,43423	4,34597	10,10966,56577	30	
	40	9,78782,85788	2,70995	9,89745,07768	1,63592	9,89037,78020	4,34587	10,10962,21980	20	
	50	9,78785,56783	2,70967	9,89743,44176	1,63607	9,89042,12607	4,34574	10,10957,87393	10	
51	0	9,78788,27750	2,70941	9,89741,80569	1,63624	9,89046,47181	4,34565	10,10953,52819	0	9
	10	9,78790,98691	2,70913	9,89740,16945	1,63640	9,89050,81746	4,34553	10,10949,18254	50	
	20	9,78793,69604	2,70884	9,89738,53305	1,63656	9,89055,16299	4,34540	10,10944,83701	40	
	30	9,78796,40488	2,70857	9,89736,89649	1,63672	9,89059,50839	4,34529	10,10940,49161	30	
	40	9,78799,11345	2,70831	9,89735,25977	1,63689	9,89063,85368	4,34520	10,10936,14632	20	
	50	9,78801,82176	2,70805	9,89733,62288	1,63705	9,89068,19888	4,34510	10,10931,80112	10	
52	0	9,78804,52981	2,70777	9,89731,98583	1,63722	9,89072,54398	4,34499	10,10927,45602	0	8
	10	9,78807,23758	2,70750	9,89730,34861	1,63738	9,89076,88897	4,34488	10,10923,11103	50	
	20	9,78809,94508	2,70724	9,89728,71123	1,63755	9,89081,23385	4,34479	10,10918,76615	40	
	30	9,78812,65232	2,70696	9,89727,07368	1,63771	9,89085,57864	4,34467	10,10914,42136	30	
	40	9,78815,35928	2,70668	9,89725,43597	1,63787	9,89089,92331	4,34455	10,10910,07669	20	
	50	9,78818,06596	2,70642	9,89723,79810	1,63803	9,89094,26786	4,34445	10,10905,73214	10	
53	0	9,78820,77238	2,70615	9,89722,16007	1,63820	9,89098,61231	4,34435	10,10901,38769	0	7
	10	9,78823,47853	2,70587	9,89720,52187	1,63836	9,89102,95666	4,34423	10,10897,04334	50	
	20	9,78826,18440	2,70560	9,89718,88351	1,63853	9,89107,30089	4,34413	10,10892,69911	40	
	30	9,78828,89000	2,70534	9,89717,24498	1,63869	9,89111,64502	4,34403	10,10888,35498	30	
	40	9,78831,59534	2,70507	9,89715,60629	1,63886	9,89115,98905	4,34393	10,10884,01095	20	
	50	9,78834,30041	2,70479	9,89713,96743	1,63902	9,89120,33298	4,34381	10,10879,66702	10	
54	0	9,78837,00520	2,70452	9,89712,32841	1,63919	9,89124,67679	4,34371	10,10875,32321	0	6
	10	9,78839,70972	2,70426	9,89710,68922	1,63935	9,89129,02050	4,34361	10,10870,97950	50	
	20	9,78842,41398	2,70398	9,89709,04987	1,63951	9,89133,36411	4,34349	10,10866,63589	40	
	30	9,78845,11796	2,70370	9,89707,41036	1,63967	9,89137,70760	4,34337	10,10862,29240	30	
	40	9,78847,82166	2,70345	9,89705,77069	1,63984	9,89142,05097	4,34329	10,10857,94903	20	
	50	9,78850,52511	2,70317	9,89704,13085	1,64000	9,89146,39426	4,34317	10,10853,60574	10	
55	0	9,78853,22828	2,70290	9,89702,49085	1,64017	9,89150,73743	4,34307	10,10849,26257	0	5
	10	9,78855,93118	2,70263	9,89700,85068	1,64034	9,89155,08050	4,34297	10,10844,91950	50	
	20	9,78858,63381	2,70237	9,89699,21034	1,64050	9,89159,42347	4,34287	10,10840,57653	40	
	30	9,78861,33618	2,70209	9,89697,56984	1,64066	9,89163,76634	4,34275	10,10836,23366	30	
	40	9,78864,03827	2,70181	9,89695,92918	1,64082	9,89168,10909	4,34263	10,10831,89091	20	
	50	9,78866,74008	2,70155	9,89694,28836	1,64098	9,89172,45172	4,34253	10,10827,54828	10	
56	0	9,78869,44163	2,70128	9,89692,64738	1,64115	9,89176,79425	4,34243	10,10823,20575	0	4
	10	9,78872,14291	2,70101	9,89691,00623	1,64132	9,89181,13668	4,34233	10,10818,86332	50	
	20	9,78874,84392	2,70074	9,89689,36491	1,64148	9,89185,47901	4,34222	10,10814,52099	40	
	30	9,78877,54466	2,70048	9,89687,72343	1,64165	9,89189,82123	4,34213	10,10810,17877	30	
	40	9,78880,24514	2,70020	9,89686,08178	1,64181	9,89194,16336	4,34201	10,10805,83664	20	
	50	9,78882,94534	2,69992	9,89684,43997	1,64197	9,89198,50537	4,34189	10,10801,49463	10	
57	0	9,78885,64526	2,69967	9,89682,79800	1,64214	9,89202,84726	4,34181	10,10797,15274	0	3
	10	9,78888,34493	2,69940	9,89681,15586	1,64231	9,89207,18907	4,34171	10,10792,81093	50	
	20	9,78891,04433	2,69911	9,89679,51355	1,64246	9,89211,53078	4,34157	10,10788,46922	40	
	30	9,78893,74344	2,69884	9,89677,87109	1,64262	9,89215,87235	4,34146	10,10784,12765	30	
	40	9,78896,44228	2,69858	9,89676,22847	1,64279	9,89220,21381	4,34137	10,10779,78619	20	
	50	9,78899,14086	2,69831	9,89674,58568	1,64296	9,89224,55518	4,34127	10,10775,44482	10	
58	0	9,78901,83917	2,69803	9,89672,94272	1,64311	9,89228,89645	4,34114	10,10771,10355	0	2
	10	9,78904,53720	2,69777	9,89671,29961	1,64329	9,89233,23759	4,34106	10,10766,76241	50	
	20	9,78907,23497	2,69751	9,89669,65632	1,64346	9,89237,57865	4,34097	10,10762,42135	40	
	30	9,78909,93248	2,69723	9,89668,01286	1,64362	9,89241,91962	4,34085	10,10758,08038	30	
	40	9,78912,62971	2,69697	9,89666,36924	1,64378	9,89246,26047	4,34075	10,10753,73953	20	
	50	9,78915,32668	2,69669	9,89664,72546	1,64394	9,89250,60122	4,34063	10,10749,39878	10	
59	0	9,78918,02337	2,69642	9,89663,08152	1,64411	9,89254,94185	4,34053	10,10745,05815	0	1
	10	9,78920,71979	2,69616	9,89661,43741	1,64427	9,89259,28238	4,34043	10,10740,71762	50	
	20	9,78923,41595	2,69589	9,89659,79314	1,64444	9,89263,62281	4,34033	10,10736,37719	40	
	30	9,78926,11184	2,69561	9,89658,14870	1,64460	9,89267,96314	4,34021	10,10732,03686	30	
	40	9,78928,80745	2,69534	9,89656,50410	1,64476	9,89272,30335	4,34010	10,10727,69665	20	
	50	9,78931,50279	2,69508	9,89654,85934	1,64493	9,89276,64345	4,34001	10,10723,35655	10	
60	0	9,78934,19787	2,69480	9,89653,21441	1,64509	9,89280,98346	4,33989	10,10719,01654	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	9,78934,19787	2,69480	9,89653,21441	1,64509	9,89280,98346	4,33989	10,10719,01654	0	60
	10	9,78936,89267	2,69454	9,89651,56932	1,64526	9,89285,32335	4,33980	10,10714,67665	50	
	20	9,78939,58721	2,69427	9,89649,92406	1,64542	9,89289,66315	4,33969	10,10710,33685	40	
	30	9,78942,28148	2,69400	9,89648,27864	1,64559	9,89294,00284	4,33959	10,10705,99716	30	
	40	9,78944,97548	2,69372	9,89646,63305	1,64575	9,89298,34243	4,33947	10,10701,65757	20	
	50	9,78947,66920	2,69347	9,89644,98730	1,64592	9,89302,68190	4,33939	10,10697,31810	10	
1	0	9,78950,36267	2,69319	9,89643,34138	1,64608	9,89307,02129	4,33927	10,10692,97871	0	59
	10	9,78953,05586	2,69292	9,89641,69530	1,64625	9,89311,36056	4,33917	10,10688,63944	50	
	20	9,78955,74878	2,69266	9,89640,04905	1,64641	9,89315,69973	4,33907	10,10684,30027	40	
	30	9,78958,44144	2,69238	9,89638,40264	1,64657	9,89320,03880	4,33895	10,10679,96120	30	
	40	9,78961,13382	2,69211	9,89636,75607	1,64674	9,89324,37775	4,33885	10,10675,62225	20	
	50	9,78963,82593	2,69185	9,89635,10933	1,64690	9,89328,71660	4,33875	10,10671,28340	10	
2	0	9,78966,51778	2,69158	9,89633,46243	1,64707	9,89333,05535	4,33865	10,10666,94465	0	58
	10	9,78969,20936	2,69130	9,89631,81536	1,64723	9,89337,39400	4,33853	10,10662,60600	50	
	20	9,78971,90066	2,69105	9,89630,16813	1,64740	9,89341,73253	4,33845	10,10658,26747	40	
	30	9,78974,59171	2,69077	9,89628,52073	1,64756	9,89346,07098	4,33833	10,10653,92902	30	
	40	9,78977,28248	2,69049	9,89626,87317	1,64772	9,89350,40931	4,33821	10,10649,59069	20	
	50	9,78979,97297	2,69024	9,89625,22545	1,64789	9,89354,74752	4,33813	10,10645,25248	10	
3	0	9,78982,66321	2,68996	9,89623,57756	1,64805	9,89359,08565	4,33801	10,10640,91435	0	57
	10	9,78985,35317	2,68969	9,89621,92951	1,64822	9,89363,42366	4,33791	10,10636,57634	50	
	20	9,78988,04286	2,68943	9,89620,28129	1,64838	9,89367,76157	4,33781	10,10632,23843	40	
	30	9,78990,73229	2,68916	9,89618,63291	1,64855	9,89372,09938	4,33771	10,10627,90062	30	
	40	9,78993,42145	2,68889	9,89616,98436	1,64872	9,89376,43709	4,33761	10,10623,56291	20	
	50	9,78996,11034	2,68863	9,89615,33564	1,64888	9,89380,77470	4,33751	10,10619,22530	10	
4	0	9,78998,79897	2,68835	9,89613,68676	1,64904	9,89385,11221	4,33739	10,10614,88779	0	56
	10	9,79001,48732	2,68808	9,89612,03772	1,64920	9,89389,44960	4,33728	10,10610,55040	50	
	20	9,79004,17540	2,68782	9,89610,38852	1,64937	9,89393,78688	4,33719	10,10606,21312	40	
	30	9,79006,86322	2,68755	9,89608,73915	1,64954	9,89398,12407	4,33709	10,10601,87593	30	
	40	9,79009,55077	2,68728	9,89607,08961	1,64971	9,89402,46116	4,33699	10,10597,53884	20	
	50	9,79012,23805	2,68702	9,89605,43990	1,64987	9,89406,79815	4,33689	10,10593,20185	10	
5	0	9,79014,92507	2,68675	9,89603,79003	1,65004	9,89411,13504	4,33679	10,10588,86496	0	55
	10	9,79017,61182	2,68648	9,89602,13999	1,65020	9,89415,47183	4,33668	10,10584,52817	50	
	20	9,79020,29830	2,68621	9,89600,48979	1,65036	9,89419,80851	4,33657	10,10580,19149	40	
	30	9,79022,98451	2,68593	9,89598,83943	1,65052	9,89424,14508	4,33645	10,10575,85492	30	
	40	9,79025,67044	2,68567	9,89597,18891	1,65069	9,89428,48153	4,33636	10,10571,51847	20	
	50	9,79028,35611	2,68540	9,89595,53822	1,65085	9,89432,81789	4,33625	10,10567,18211	10	
6	0	9,79031,04151	2,68512	9,89593,88737	1,65101	9,89437,15414	4,33613	10,10562,84586	0	54
	10	9,79033,72663	2,68486	9,89592,23636	1,65118	9,89441,49027	4,33604	10,10558,50973	50	
	20	9,79036,41149	2,68460	9,89590,58518	1,65135	9,89445,82631	4,33595	10,10554,17369	40	
	30	9,79039,09609	2,68433	9,89588,93383	1,65152	9,89450,16226	4,33585	10,10549,83774	30	
	40	9,79041,78042	2,68406	9,89587,28231	1,65168	9,89454,49811	4,33574	10,10545,50189	20	
	50	9,79044,46448	2,68380	9,89585,63063	1,65185	9,89458,83385	4,33565	10,10541,16615	10	
7	0	9,79047,14828	2,68352	9,89583,97878	1,65201	9,89463,16950	4,33553	10,10536,83050	0	53
	10	9,79049,83180	2,68326	9,89582,32677	1,65217	9,89467,50503	4,33543	10,10532,49497	50	
	20	9,79052,51506	2,68299	9,89580,67460	1,65234	9,89471,84046	4,33533	10,10528,15954	40	
	30	9,79055,19805	2,68272	9,89579,02226	1,65250	9,89476,17579	4,33522	10,10523,82421	30	
	40	9,79057,88077	2,68246	9,89577,36976	1,65267	9,89480,51101	4,33513	10,10519,48899	20	
	50	9,79060,56323	2,68219	9,89575,71709	1,65284	9,89484,84614	4,33503	10,10515,15386	10	
8	0	9,79063,24542	2,68192	9,89574,06425	1,65300	9,89489,18117	4,33492	10,10510,81883	0	52
	10	9,79065,92734	2,68166	9,89572,41125	1,65317	9,89493,51609	4,33483	10,10506,48391	50	
	20	9,79068,60900	2,68138	9,89570,75808	1,65333	9,89497,85092	4,33471	10,10502,14908	40	
	30	9,79071,29038	2,68113	9,89569,10475	1,65350	9,89502,18563	4,33463	10,10497,81437	30	
	40	9,79073,97151	2,68085	9,89567,45125	1,65366	9,89506,52026	4,33451	10,10493,47974	20	
	50	9,79076,65236	2,68057	9,89565,79759	1,65382	9,89510,85477	4,33439	10,10489,14523	10	
9	0	9,79079,33293	2,68031	9,89564,14377	1,65398	9,89515,18916	4,33429	10,10484,81084	0	51
	10	9,79082,01324	2,68004	9,89562,48979	1,65415	9,89519,52345	4,33419	10,10480,47655	50	
	20	9,79084,69328	2,67978	9,89560,83564	1,65432	9,89523,85764	4,33410	10,10476,14236	40	
	30	9,79087,37306	2,67952	9,89559,18132	1,65449	9,89528,19174	4,33401	10,10471,80826	30	
	40	9,79090,05258	2,67924	9,89557,52683	1,65465	9,89532,52575	4,33389	10,10467,47425	20	
	50	9,79092,73182	2,67898	9,89555,87218	1,65482	9,89536,85964	4,33380	10,10463,14036	10	
10	0	9,79095,41080	2,67871	9,89554,21736	1,65498	9,89541,19344	4,33369	10,10458,80656	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,79095,41080	2,67871	9,89554,21736	1,65498	9,89541,19344	4,33369	10,10458,80656	0	50
	10	9,79098,08951	2,67843	9,89552,56238	1,65514	9,89545,52713	4,33357	10,10454,47287	50	
	20	9,79100,76794	2,67818	9,89550,90724	1,65531	9,89549,86070	4,33349	10,10450,13930	40	
	30	9,79103,44612	2,67701	9,89549,25193	1,65548	9,89554,19419	4,33339	10,10445,80581	30	
	40	9,79106,12403	2,67764	9,89547,59645	1,65564	9,89558,52758	4,33328	10,10441,47242	20	
	50	9,79108,80167	2,67738	9,89545,94081	1,65581	9,89562,86086	4,33319	10,10437,13914	10	
11	0	9,79111,47905	2,67710	9,89544,28500	1,65597	9,89567,19405	4,33307	10,10432,80595	0	49
	10	9,79114,15615	2,67683	9,89542,62903	1,65613	9,89571,52712	4,33296	10,10428,47288	50	
	20	9,79116,83298	2,67657	9,89540,97290	1,65630	9,89575,86008	4,33287	10,10424,13992	40	
	30	9,79119,50955	2,67631	9,89539,31660	1,65647	9,89580,19295	4,33278	10,10419,80705	30	
	40	9,79122,18586	2,67604	9,89537,66013	1,65663	9,89584,52573	4,33267	10,10415,47427	20	
	50	9,79124,86190	2,67577	9,89536,00350	1,65680	9,89588,85840	4,33257	10,10411,14160	10	
12	0	9,79127,53767	2,67551	9,89534,34670	1,65696	9,89593,19097	4,33247	10,10406,80903	0	48
	10	9,79130,21318	2,67524	9,89532,68974	1,65713	9,89597,52344	4,33237	10,10402,47656	50	
	20	9,79132,88842	2,67497	9,89531,03261	1,65730	9,89601,85581	4,33227	10,10398,14419	40	
	30	9,79135,56339	2,67471	9,89529,37531	1,65746	9,89606,18808	4,33217	10,10393,81192	30	
	40	9,79138,23810	2,67443	9,89527,71785	1,65762	9,89610,52025	4,33205	10,10389,47975	20	
	50	9,79140,91253	2,67417	9,89526,06023	1,65779	9,89614,85230	4,33196	10,10385,14770	10	
13	0	9,79143,58670	2,67390	9,89524,40244	1,65795	9,89619,18426	4,33185	10,10380,81574	0	47
	10	9,79146,26060	2,67364	9,89522,74449	1,65813	9,89623,51611	4,33177	10,10376,48389	50	
	20	9,79148,93424	2,67338	9,89521,08636	1,65829	9,89627,84788	4,33167	10,10372,15212	40	
	30	9,79151,60762	2,67310	9,89519,42807	1,65845	9,89632,17955	4,33155	10,10367,82045	30	
	40	9,79154,28072	2,67284	9,89517,76962	1,65862	9,89636,51110	4,33146	10,10363,48890	20	
	50	9,79156,95356	2,67257	9,89516,11100	1,65878	9,89640,84256	4,33135	10,10359,15744	10	
14	0	9,79159,62613	2,67229	9,89514,45222	1,65894	9,89645,17391	4,33123	10,10354,82609	0	46
	10	9,79162,29842	2,67204	9,89512,79328	1,65911	9,89649,50514	4,33115	10,10350,49486	50	
	20	9,79164,97046	2,67177	9,89511,13417	1,65928	9,89653,83629	4,33105	10,10346,16371	40	
	30	9,79167,64223	2,67150	9,89509,47489	1,65944	9,89658,16734	4,33094	10,10341,83266	30	
	40	9,79170,31373	2,67124	9,89507,81545	1,65961	9,89662,49828	4,33085	10,10337,50172	20	
	50	9,79172,98497	2,67097	9,89506,15584	1,65978	9,89666,82913	4,33075	10,10333,17087	10	
15	0	9,79175,65594	2,67071	9,89504,49606	1,65994	9,89671,15988	4,33065	10,10328,84012	0	45
	10	9,79178,32665	2,67044	9,89502,83612	1,66011	9,89675,49053	4,33055	10,10324,50947	50	
	20	9,79180,99709	2,67017	9,89501,17601	1,66027	9,89679,82108	4,33044	10,10320,17892	40	
	30	9,79183,66726	2,66990	9,89499,51574	1,66043	9,89684,15152	4,33033	10,10315,84848	30	
	40	9,79186,33716	2,66964	9,89497,85531	1,66060	9,89688,48185	4,33024	10,10311,51815	20	
	50	9,79189,00680	2,66938	9,89496,19471	1,66077	9,89692,81209	4,33015	10,10307,18791	10	
16	0	9,79191,67618	2,66910	9,89494,53394	1,66093	9,89697,14224	4,33003	10,10302,85776	0	44
	10	9,79194,34528	2,66885	9,89492,87301	1,66110	9,89701,47227	4,32995	10,10298,52773	50	
	20	9,79197,01413	2,66857	9,89491,21191	1,66126	9,89705,80222	4,32983	10,10294,19778	40	
	30	9,79199,68270	2,66831	9,89489,55065	1,66143	9,89710,13205	4,32974	10,10289,86795	30	
	40	9,79202,35101	2,66805	9,89487,88922	1,66160	9,89714,46179	4,32965	10,10285,53821	20	
	50	9,79205,01906	2,66778	9,89486,22762	1,66177	9,89718,79144	4,32955	10,10281,20856	10	
17	0	9,79207,68684	2,66752	9,89484,56585	1,66193	9,89723,12099	4,32945	10,10276,87901	0	43
	10	9,79210,35436	2,66726	9,89482,90392	1,66211	9,89727,45044	4,32937	10,10272,54956	50	
	20	9,79213,02162	2,66698	9,89481,24181	1,66226	9,89731,77981	4,32924	10,10268,22019	40	
	30	9,79215,68860	2,66671	9,89479,57955	1,66242	9,89736,10905	4,32913	10,10263,89095	30	
	40	9,79218,35531	2,66643	9,89477,91713	1,66258	9,89740,43818	4,32901	10,10259,56182	20	
	50	9,79221,02174	2,66618	9,89476,25455	1,66275	9,89744,76719	4,32893	10,10255,23281	10	
18	0	9,79223,68792	2,66591	9,89474,59180	1,66292	9,89749,09612	4,32883	10,10250,90388	0	42
	10	9,79226,35383	2,66566	9,89472,92888	1,66309	9,89753,42495	4,32875	10,10246,57505	50	
	20	9,79229,01949	2,66539	9,89471,26579	1,66326	9,89757,75370	4,32865	10,10242,24630	40	
	30	9,79231,68488	2,66513	9,89469,60253	1,66342	9,89762,08235	4,32855	10,10237,91765	30	
	40	9,79234,35001	2,66485	9,89467,93911	1,66358	9,89766,41090	4,32843	10,10233,58910	20	
	50	9,79237,01486	2,66458	9,89466,27553	1,66375	9,89770,73933	4,32833	10,10229,26067	10	
19	0	9,79239,67944	2,66432	9,89464,61178	1,66391	9,89775,06766	4,32823	10,10224,93234	0	41
	10	9,79242,34376	2,66405	9,89462,94787	1,66408	9,89779,39589	4,32813	10,10220,60411	50	
	20	9,79245,00781	2,66379	9,89461,28379	1,66425	9,89783,72402	4,32804	10,10216,27598	40	
	30	9,79247,67160	2,66352	9,89459,61954	1,66441	9,89788,05206	4,32793	10,10211,94794	30	
	40	9,79250,33512	2,66327	9,89457,95513	1,66458	9,89792,37999	4,32785	10,10207,62001	20	
	50	9,79252,99839	2,66300	9,89456,29055	1,66475	9,89796,70784	4,32775	10,10203,29216	10	
20	0	9,79255,66139	2,66274	9,89454,62580	1,66492	9,89801,03559	4,32766	10,10198,96441	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,79255,66139	2,66274	9,89454,62580	1,66492	9,89801,03559	4,32766	10,10198,96441	0	40
	10	9,79258,32413	2,66247	9,89452,96088	1,66508	9,89805,36325	4,32755	10,10194,63675	50	
	20	9,79260,98660	2,66219	9,89451,29580	1,66524	9,89809,69080	4,32743	10,10190,30920	40	
	30	9,79263,64879	2,66193	9,89449,63056	1,66540	9,89814,01823	4,32733	10,10185,98177	30	
	40	9,79266,31072	2,66166	9,89447,96516	1,66557	9,89818,34556	4,32723	10,10181,65444	20	
	50	9,79268,97238	2,66140	9,89446,29959	1,66574	9,89822,67279	4,32714	10,10177,32721	10	
21	0	9,79271,63378	2,66114	9,89444,63385	1,66591	9,89826,99993	4,32705	10,10173,00007	0	39
	10	9,79274,29492	2,66088	9,89442,96794	1,66608	9,89831,32698	4,32696	10,10168,67302	50	
	20	9,79276,95580	2,66061	9,89441,30186	1,66624	9,89835,65394	4,32685	10,10164,34606	40	
	30	9,79279,61641	2,66034	9,89439,63562	1,66640	9,89839,98079	4,32674	10,10160,01921	30	
	40	9,79282,27675	2,66008	9,89437,96922	1,66657	9,89844,30753	4,32665	10,10155,69247	20	
	50	9,79284,93683	2,65981	9,89436,30265	1,66673	9,89848,63418	4,32654	10,10151,36582	10	
22	0	9,79287,59664	2,65956	9,89434,63592	1,66691	9,89852,96072	4,32647	10,10147,03928	0	38
	10	9,79290,25620	2,65928	9,89432,96901	1,66707	9,89857,28719	4,32635	10,10142,71281	50	
	20	9,79292,91548	2,65902	9,89431,30194	1,66724	9,89861,61354	4,32626	10,10138,38646	40	
	30	9,79295,57450	2,65875	9,89429,63470	1,66740	9,89865,93980	4,32615	10,10134,06020	30	
	40	9,79298,23325	2,65849	9,89427,96730	1,66757	9,89870,26595	4,32606	10,10129,73405	20	
	50	9,79300,89174	2,65822	9,89426,29973	1,66773	9,89874,59201	4,32595	10,10125,40799	10	
23	0	9,79303,54996	2,65796	9,89424,63200	1,66790	9,89878,91796	4,32586	10,10121,08204	0	37
	10	9,79306,20792	2,65770	9,89422,96410	1,66807	9,89883,24382	4,32577	10,10116,75618	50	
	20	9,79308,86562	2,65743	9,89421,29603	1,66823	9,89887,56959	4,32566	10,10112,43041	40	
	30	9,79311,52305	2,65717	9,89419,62780	1,66840	9,89891,89525	4,32557	10,10108,10475	30	
	40	9,79314,18022	2,65690	9,89417,95940	1,66857	9,89896,22082	4,32547	10,10103,77918	20	
	50	9,79316,83712	2,65664	9,89416,29083	1,66873	9,89900,54629	4,32537	10,10099,45371	10	
24	0	9,79319,49376	2,65637	9,89414,62210	1,66890	9,89904,87166	4,32527	10,10095,12834	0	36
	10	9,79322,15013	2,65611	9,89412,95320	1,66906	9,89909,19693	4,32517	10,10090,80307	50	
	20	9,79324,80624	2,65584	9,89411,28414	1,66923	9,89913,52210	4,32507	10,10086,47790	40	
	30	9,79327,46208	2,65557	9,89409,61491	1,66939	9,89917,84717	4,32496	10,10082,15283	30	
	40	9,79330,11765	2,65531	9,89407,94552	1,66956	9,89922,17213	4,32487	10,10077,82787	20	
	50	9,79332,77296	2,65505	9,89406,27596	1,66973	9,89926,49700	4,32478	10,10073,50300	10	
25	0	9,79335,42801	2,65479	9,89404,60623	1,66990	9,89930,82178	4,32469	10,10069,17822	0	35
	10	9,79338,08280	2,65453	9,89402,93633	1,67007	9,89935,14647	4,32460	10,10064,85353	50	
	20	9,79340,73733	2,65426	9,89401,26626	1,67023	9,89939,47107	4,32449	10,10060,52893	40	
	30	9,79343,39159	2,65399	9,89399,59603	1,67039	9,89943,79556	4,32438	10,10056,20444	30	
	40	9,79346,04558	2,65372	9,89397,92564	1,67055	9,89948,11994	4,32427	10,10051,88006	20	
	50	9,79348,69930	2,65346	9,89396,25509	1,67072	9,89952,44421	4,32418	10,10047,55579	10	
26	0	9,79351,35276	2,65320	9,89394,58437	1,67089	9,89956,76839	4,32409	10,10043,23161	0	34
	10	9,79354,00596	2,65294	9,89392,91348	1,67107	9,89961,09248	4,32401	10,10038,90752	50	
	20	9,79356,65890	2,65268	9,89391,24241	1,67123	9,89965,41649	4,32391	10,10034,58351	40	
	30	9,79359,31158	2,65240	9,89389,57118	1,67139	9,89969,74040	4,32379	10,10030,25960	30	
	40	9,79361,96398	2,65214	9,89387,89979	1,67155	9,89974,06419	4,32369	10,10025,93581	20	
	50	9,79364,61612	2,65187	9,89386,22824	1,67172	9,89978,38788	4,32359	10,10021,61212	10	
27	0	9,79367,26799	2,65162	9,89384,55652	1,67189	9,89982,71147	4,32351	10,10017,28853	0	33
	10	9,79369,91961	2,65135	9,89382,88463	1,67206	9,89987,03498	4,32341	10,10012,96502	50	
	20	9,79372,57096	2,65109	9,89381,21257	1,67223	9,89991,35839	4,32332	10,10008,64161	40	
	30	9,79375,22205	2,65082	9,89379,54034	1,67239	9,89995,68171	4,32321	10,10004,31829	30	
	40	9,79377,87287	2,65056	9,89377,86795	1,67255	9,90000,00492	4,32311	10,09999,99508	20	
	50	9,79380,52343	2,65029	9,89376,19540	1,67272	9,90004,32803	4,32301	10,09995,67197	10	
28	0	9,79383,17372	2,65004	9,89374,52268	1,67289	9,90008,65104	4,32293	10,09991,34896	0	32
	10	9,79385,82376	2,64977	9,89372,84979	1,67306	9,90012,97397	4,32283	10,09987,02603	50	
	20	9,79388,47353	2,64951	9,89371,17673	1,67323	9,90017,29680	4,32274	10,09982,70320	40	
	30	9,79391,12304	2,64924	9,89369,50350	1,67339	9,90021,61954	4,32263	10,09978,38046	30	
	40	9,79393,77228	2,64897	9,89367,83011	1,67355	9,90025,94217	4,32252	10,09974,05783	20	
	50	9,79396,42125	2,64871	9,89366,15656	1,67372	9,90030,26469	4,32243	10,09969,73531	10	
29	0	9,79399,06996	2,64845	9,89364,48284	1,67389	9,90034,58712	4,32234	10,09965,41288	0	31
	10	9,79401,71841	2,64819	9,89362,80895	1,67406	9,90038,90946	4,32225	10,09961,09054	50	
	20	9,79404,36660	2,64792	9,89361,13489	1,67422	9,90043,23171	4,32214	10,09956,76829	40	
	30	9,79407,01452	2,64766	9,89359,46067	1,67439	9,90047,55385	4,32205	10,09952,44615	30	
	40	9,79409,66218	2,64739	9,89357,78628	1,67455	9,90051,87590	4,32194	10,09948,12410	20	
	50	9,79412,30957	2,64713	9,89356,11173	1,67472	9,90056,19784	4,32185	10,09943,80216	10	
30	0	9,79414,95670	2,64687	9,89354,43701	1,67489	9,90060,51969	4,32176	10,09939,48031	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,79414,95670	2,64687	9,89354,43701	1,67489	9,90060,51969	4,32176	10,09939,48031	0	30
	10	9,79417,60357	2,64660	9,89352,76212	1,67505	9,90064,84145	4,32165	10,09935,15855	50	
	20	9,79420,25017	2,64635	9,89351,08707	1,67523	9,90069,16310	4,32158	10,09930,83690	40	
	30	9,79422,89652	2,64609	9,89349,41184	1,67540	9,90073,48468	4,32149	10,09926,51532	30	
	40	9,79425,54261	2,64581	9,89347,73644	1,67555	9,90077,80617	4,32136	10,09922,19383	20	
	50	9,79428,18842	2,64555	9,89346,06089	1,67572	9,90082,12753	4,32127	10,09917,87247	10	
31	0	9,79430,83397	2,64529	9,89344,38517	1,67589	9,90086,44880	4,32118	10,09913,55120	0	29
	10	9,79433,47926	2,64503	9,89342,70928	1,67606	9,90090,76998	4,32109	10,09909,23002	50	
	20	9,79436,12429	2,64476	9,89341,03322	1,67622	9,90095,09107	4,32098	10,09904,90893	40	
	30	9,79438,76905	2,64450	9,89339,35700	1,67639	9,90099,41205	4,32089	10,09900,58795	30	
	40	9,79441,41355	2,64423	9,89337,68061	1,67655	9,90103,73294	4,32078	10,09896,26706	20	
	50	9,79444,05778	2,64397	9,89336,00406	1,67672	9,90108,05372	4,32069	10,09891,94628	10	
32	0	9,79446,70175	2,64371	9,89334,32734	1,67689	9,90112,37441	4,32060	10,09887,62559	0	28
	10	9,79449,34546	2,64345	9,89332,65045	1,67706	9,90116,69501	4,32051	10,09883,30499	50	
	20	9,79451,98891	2,64319	9,89330,97339	1,67723	9,90121,01552	4,32042	10,09878,98448	40	
	30	9,79454,63210	2,64292	9,89329,29616	1,67739	9,90125,33594	4,32031	10,09874,66406	30	
	40	9,79457,27502	2,64265	9,89327,61877	1,67755	9,90129,65625	4,32020	10,09870,34375	20	
	50	9,79459,91767	2,64239	9,89325,94122	1,67772	9,90133,97645	4,32011	10,09866,02355	10	
33	0	9,79462,56006	2,64214	9,89324,26350	1,67789	9,90138,29656	4,32003	10,09861,70344	0	27
	10	9,79465,20220	2,64187	9,89322,58561	1,67806	9,90142,61659	4,31993	10,09857,38341	50	
	20	9,79467,84407	2,64160	9,89320,90755	1,67822	9,90146,93652	4,31982	10,09853,06348	40	
	30	9,79470,48567	2,64134	9,89319,22933	1,67839	9,90151,25634	4,31973	10,09848,74366	30	
	40	9,79473,12701	2,64109	9,89317,55094	1,67856	9,90155,57607	4,31965	10,09844,42393	20	
	50	9,79475,76810	2,64082	9,89315,87238	1,67873	9,90159,89572	4,31955	10,09840,10428	10	
34	0	9,79478,40892	2,64056	9,89314,19365	1,67889	9,90164,21527	4,31945	10,09835,78473	0	26
	10	9,79481,04948	2,64028	9,89312,51476	1,67905	9,90168,53472	4,31933	10,09831,46528	50	
	20	9,79483,68976	2,64003	9,89310,83571	1,67923	9,90172,85405	4,31926	10,09827,14595	40	
	30	9,79486,32979	2,63977	9,89309,15648	1,67940	9,90177,17331	4,31917	10,09822,82669	30	
	40	9,79488,96956	2,63951	9,89307,47708	1,67956	9,90181,49248	4,31907	10,09818,50752	20	
	50	9,79491,60907	2,63924	9,89305,79752	1,67973	9,90185,81155	4,31897	10,09814,18845	10	
35	0	9,79494,24831	2,63899	9,89304,11779	1,67990	9,90190,13052	4,31889	10,09809,86948	0	25
	10	9,79496,88730	2,63871	9,89302,43789	1,68006	9,90194,44941	4,31877	10,09805,55059	50	
	20	9,79499,52601	2,63846	9,89300,75783	1,68023	9,90198,76818	4,31869	10,09801,23182	40	
	30	9,79502,16447	2,63820	9,89299,07760	1,68040	9,90203,08687	4,31860	10,09796,91313	30	
	40	9,79504,80267	2,63793	9,89297,39720	1,68056	9,90207,40547	4,31849	10,09792,59453	20	
	50	9,79507,44060	2,63767	9,89295,71664	1,68073	9,90211,72396	4,31840	10,09788,27604	10	
36	0	9,79510,07827	2,63741	9,89294,03591	1,68090	9,90216,04236	4,31831	10,09783,95764	0	24
	10	9,79512,71568	2,63715	9,89292,35501	1,68107	9,90220,36067	4,31822	10,09779,63933	50	
	20	9,79515,35283	2,63688	9,89290,67394	1,68123	9,90224,67889	4,31811	10,09775,32111	40	
	30	9,79517,98971	2,63662	9,89288,99271	1,68140	9,90228,99700	4,31802	10,09771,00300	30	
	40	9,79520,62633	2,63635	9,89287,31131	1,68156	9,90233,31502	4,31791	10,09766,68498	20	
	50	9,79523,26268	2,63610	9,89285,62975	1,68173	9,90237,63293	4,31783	10,09762,36707	10	
37	0	9,79525,89878	2,63583	9,89283,94802	1,68190	9,90241,95076	4,31773	10,09758,04924	0	23
	10	9,79528,53461	2,63558	9,89282,26612	1,68207	9,90246,26849	4,31765	10,09753,73151	50	
	20	9,79531,17019	2,63531	9,89280,58405	1,68224	9,90250,58614	4,31755	10,09749,41386	40	
	30	9,79533,80550	2,63505	9,89278,90181	1,68240	9,90254,90369	4,31745	10,09745,09631	30	
	40	9,79536,44055	2,63478	9,89277,21941	1,68257	9,90259,22114	4,31735	10,09740,77886	20	
	50	9,79539,07533	2,63453	9,89275,53684	1,68274	9,90263,53849	4,31727	10,09736,46151	10	
38	0	9,79541,70986	2,63427	9,89273,85410	1,68291	9,90267,85576	4,31718	10,09732,14424	0	22
	10	9,79544,34413	2,63400	9,89272,17119	1,68307	9,90272,17294	4,31707	10,09727,82706	50	
	20	9,79546,97813	2,63374	9,89270,48812	1,68324	9,90276,49001	4,31698	10,09723,50999	40	
	30	9,79549,61187	2,63347	9,89268,80488	1,68340	9,90280,80699	4,31687	10,09719,19301	30	
	40	9,79552,24534	2,63322	9,89267,12148	1,68357	9,90285,12386	4,31679	10,09714,87614	20	
	50	9,79554,87856	2,63295	9,89265,43791	1,68374	9,90289,44065	4,31669	10,09710,55935	10	
39	0	9,79557,51151	2,63270	9,89263,75417	1,68391	9,90293,75734	4,31661	10,09706,24266	0	21
	10	9,79560,14421	2,63243	9,89262,07026	1,68408	9,90298,07395	4,31651	10,09701,92605	50	
	20	9,79562,77664	2,63216	9,89260,38618	1,68424	9,90302,39046	4,31640	10,09697,60954	40	
	30	9,79565,40880	2,63190	9,89258,70194	1,68441	9,90306,70686	4,31631	10,09693,29314	30	
	40	9,79568,04070	2,63164	9,89257,01753	1,68457	9,90311,02317	4,31621	10,09688,97683	20	
	50	9,79570,67234	2,63139	9,89255,33296	1,68474	9,90315,33938	4,31613	10,09684,66062	10	
40	0	9,79573,30373	2,63112	9,89253,64822	1,68491	9,90319,65551	4,31603	10,09680,34449	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,79573,30373		9,89253,64822		9,90319,65551		10,09680,34449	0	20
	10	9,79575,93485	2,63112	9,89251,96331	1,68491	9,90323,97154	4,31603	10,09676,02846	50	
	20	9,79578,56571	2,63086	9,89250,27823	1,68508	9,90328,28748	4,31594	10,09671,71252	40	
	30	9,79581,19631	2,63060	9,89248,59298	1,68525	9,90332,60333	4,31585	10,09667,39667	30	
	40	9,79583,82665	2,63034	9,89246,90756	1,68542	9,90336,91909	4,31576	10,09663,08091	20	
	50	9,79586,45672	2,63007	9,89245,22198	1,68558	9,90341,23474	4,31565	10,09658,76526	10	
41	0	9,79589,08654	2,62982	9,89243,53623	1,68575	9,90345,55031	4,31557	10,09654,44969	0	19
	10	9,79591,71609	2,62955	9,89241,85031	1,68592	9,90349,86578	4,31547	10,09650,13422	50	
	20	9,79594,34538	2,62929	9,89240,16423	1,68608	9,90354,18115	4,31537	10,09645,81885	40	
	30	9,79596,97441	2,62903	9,89238,47798	1,68625	9,90358,49643	4,31528	10,09641,50357	30	
	40	9,79599,60318	2,62877	9,89236,79156	1,68642	9,90362,81162	4,31519	10,09637,18838	20	
	50	9,79602,23170	2,62852	9,89235,10497	1,68659	9,90367,12673	4,31511	10,09632,87327	10	
42	0	9,79604,85995	2,62825	9,89233,41821	1,68676	9,90371,44174	4,31501	10,09628,55826	0	18
	10	9,79607,48794	2,62799	9,89231,73129	1,68692	9,90375,75665	4,31491	10,09624,24335	50	
	20	9,79610,11566	2,62772	9,89230,04420	1,68709	9,90380,07146	4,31481	10,09619,92854	40	
	30	9,79612,74313	2,62747	9,89228,35694	1,68726	9,90384,38619	4,31473	10,09615,61381	30	
	40	9,79615,37034	2,62721	9,89226,66951	1,68743	9,90388,70083	4,31464	10,09611,29917	20	
	50	9,79617,99728	2,62694	9,89224,98192	1,68759	9,90393,01536	4,31453	10,09606,98464	10	
43	0	9,79620,62395	2,62667	9,89223,29416	1,68776	9,90397,32979	4,31443	10,09602,67021	0	17
	10	9,79623,25038	2,62643	9,89221,60623	1,68793	9,90401,64415	4,31436	10,09598,35585	50	
	20	9,79625,87654	2,62616	9,89219,91814	1,68809	9,90405,95840	4,31425	10,09594,04160	40	
	30	9,79628,50244	2,62590	9,89218,22987	1,68827	9,90410,27257	4,31417	10,09589,72743	30	
	40	9,79631,12809	2,62565	9,89216,54143	1,68844	9,90414,58666	4,31409	10,09585,41334	20	
	50	9,79633,75345	2,62536	9,89214,85284	1,68859	9,90418,90061	4,31395	10,09581,09939	10	
44	0	9,79636,37856	2,62511	9,89213,16408	1,68876	9,90423,21448	4,31387	10,09576,78552	0	16
	10	9,79639,00341	2,62485	9,89211,47515	1,68893	9,90427,52826	4,31378	10,09572,47174	50	
	20	9,79641,62800	2,62459	9,89209,78605	1,68910	9,90431,84195	4,31369	10,09568,15805	40	
	30	9,79644,25234	2,62434	9,89208,09678	1,68927	9,90436,15556	4,31361	10,09563,84444	30	
	40	9,79646,87641	2,62407	9,89206,40734	1,68944	9,90440,46907	4,31351	10,09559,53093	20	
	50	9,79649,50023	2,62382	9,89204,71773	1,68961	9,90444,78250	4,31343	10,09555,21750	10	
45	0	9,79652,12379	2,62356	9,89203,02795	1,68978	9,90449,09584	4,31334	10,09550,90416	0	15
	10	9,79654,74709	2,62330	9,89201,33800	1,68995	9,90453,40909	4,31325	10,09546,59091	50	
	20	9,79657,37013	2,62304	9,89199,64789	1,69011	9,90457,72224	4,31315	10,09542,27776	40	
	30	9,79659,99290	2,62277	9,89197,95761	1,69028	9,90462,03529	4,31305	10,09537,96471	30	
	40	9,79662,61541	2,62251	9,89196,26717	1,69044	9,90466,34824	4,31295	10,09533,65176	20	
	50	9,79665,23765	2,62224	9,89194,57656	1,69061	9,90470,66109	4,31285	10,09529,33891	10	
46	0	9,79667,85964	2,62199	9,89192,88578	1,69078	9,90474,97386	4,31277	10,09525,02614	0	14
	10	9,79670,48137	2,62173	9,89191,19483	1,69095	9,90479,28654	4,31268	10,09520,71346	50	
	20	9,79673,10283	2,62146	9,89189,50372	1,69111	9,90483,59911	4,31257	10,09516,40089	40	
	30	9,79675,72404	2,62121	9,89187,81243	1,69129	9,90487,91161	4,31250	10,09512,08839	30	
	40	9,79678,34498	2,62094	9,89186,12098	1,69145	9,90492,22400	4,31239	10,09507,77600	20	
	50	9,79680,96567	2,62069	9,89184,42936	1,69162	9,90496,53631	4,31231	10,09503,46369	10	
47	0	9,79683,58611	2,62044	9,89182,73757	1,69179	9,90500,84854	4,31223	10,09499,15146	0	13
	10	9,79686,20627	2,62016	9,89181,04562	1,69195	9,90505,16065	4,31211	10,09494,83935	50	
	20	9,79688,82618	2,61991	9,89179,35350	1,69212	9,90509,47268	4,31203	10,09490,52732	40	
	30	9,79691,44583	2,61965	9,89177,66120	1,69230	9,90513,78463	4,31195	10,09486,21537	30	
	40	9,79694,06522	2,61939	9,89175,96874	1,69246	9,90518,09648	4,31185	10,09481,90352	20	
	50	9,79696,68434	2,61912	9,89174,27611	1,69263	9,90522,40823	4,31175	10,09477,59177	10	
48	0	9,79699,30321	2,61887	9,89172,58331	1,69280	9,90526,71990	4,31167	10,09473,28010	0	12
	10	9,79701,92182	2,61861	9,89170,89034	1,69297	9,90531,03148	4,31158	10,09468,96852	50	
	20	9,79704,54016	2,61834	9,89169,19721	1,69313	9,90535,34295	4,31147	10,09464,65705	40	
	30	9,79707,15826	2,61810	9,89167,50390	1,69331	9,90539,65436	4,31141	10,09460,34564	30	
	40	9,79709,77610	2,61784	9,89165,81043	1,69347	9,90543,96567	4,31131	10,09456,03433	20	
	50	9,79712,39366	2,61756	9,89164,11680	1,69363	9,90548,27686	4,31119	10,09451,72314	10	
49	0	9,79715,01096	2,61730	9,89162,42300	1,69380	9,90552,58796	4,31110	10,09447,41204	0	11
	10	9,79717,62800	2,61704	9,89160,72903	1,69397	9,90556,89897	4,31101	10,09443,10103	50	
	20	9,79720,24478	2,61678	9,89159,03490	1,69413	9,90561,20988	4,31091	10,09438,79012	40	
	30	9,79722,86131	2,61653	9,89157,34059	1,69431	9,90565,52072	4,31084	10,09434,47928	30	
	40	9,79725,47758	2,61627	9,89155,64611	1,69448	9,90569,83147	4,31075	10,09430,16853	20	
	50	9,79728,09360	2,61602	9,89153,95146	1,69465	9,90574,14214	4,31067	10,09425,85786	10	
50	0	9,79730,70935	2,61575	9,89152,25664	1,69482	9,90578,45271	4,31057	10,09421,54729	0	10
		Sin. Compl.	2,61550	SINVVM	1,69499	Tang.compl	4,31049	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,79730,70935		9,89152,25664		9,90578,45271		10,09421,54729	0	10
	10	9,79733,32485	2,61550	9,89150,56165	1,69499	9,90582,76320	4,31049	10,09417,23680	50	
	20	9,79735,94008	2,61523	9,89148,86650	1,69515	9,90587,07358	4,31038	10,09412,92642	40	
	30	9,79738,55505	2,61497	9,89147,17118	1,69532	9,90591,38387	4,31029	10,09408,61613	30	
	40	9,79741,16977	2,61472	9,89145,47569	1,69549	9,90595,69408	4,31021	10,09404,30592	20	
	50	9,79743,78421	2,61444	9,89143,78004	1,69565	9,90600,00417	4,31009	10,09399,99583	10	
51	0	9,79746,39840	2,61419	9,89142,08422	1,69582	9,90604,31418	4,31001	10,09395,68582	0	9
	10	9,79749,01233	2,61393	9,89140,38823	1,69599	9,90608,62410	4,30992	10,09391,37590	50	
	20	9,79751,62600	2,61367	9,89138,69207	1,69616	9,90612,93393	4,30983	10,09387,06607	40	
	30	9,79754,23942	2,61342	9,89136,99574	1,69633	9,90617,24368	4,30975	10,09382,75632	30	
	40	9,79756,85258	2,61316	9,89135,29924	1,69650	9,90621,55334	4,30966	10,09378,44666	20	
	50	9,79759,46547	2,61289	9,89133,60258	1,69666	9,90625,86289	4,30955	10,09374,13711	10	
52	0	9,79762,07810	2,61263	9,89131,90575	1,69683	9,90630,17235	4,30946	10,09369,82765	0	8
	10	9,79764,69047	2,61237	9,89130,20875	1,69700	9,90634,48172	4,30937	10,09365,51828	50	
	20	9,79767,30259	2,61212	9,89128,51158	1,69717	9,90638,79101	4,30929	10,09361,20899	40	
	30	9,79769,91445	2,61186	9,89126,81424	1,69734	9,90643,10021	4,30920	10,09356,89979	30	
	40	9,79772,52605	2,61160	9,89125,11673	1,69751	9,90647,40932	4,30911	10,09352,59068	20	
	50	9,79775,13740	2,61135	9,89123,41905	1,69768	9,90651,71835	4,30903	10,09348,28165	10	
53	0	9,79777,74849	2,61109	9,89121,72120	1,69785	9,90656,02729	4,30894	10,09343,97271	0	7
	10	9,79780,35932	2,61083	9,89120,02318	1,69802	9,90660,33614	4,30885	10,09339,66386	50	
	20	9,79782,96988	2,61056	9,89118,32500	1,69818	9,90664,64488	4,30874	10,09335,35512	40	
	30	9,79785,58018	2,61030	9,89116,62665	1,69835	9,90668,95353	4,30865	10,09331,04647	30	
	40	9,79788,19023	2,61005	9,89114,92813	1,69852	9,90673,26210	4,30857	10,09326,73790	20	
	50	9,79790,80002	2,60979	9,89113,22944	1,69869	9,90677,57058	4,30848	10,09322,42942	10	
54	0	9,79793,40954	2,60952	9,89111,53059	1,69885	9,90681,87895	4,30837	10,09318,12105	0	6
	10	9,79796,01881	2,60927	9,89109,83157	1,69902	9,90686,18724	4,30829	10,09313,81276	50	
	20	9,79798,62781	2,60900	9,89108,13238	1,69919	9,90690,49543	4,30819	10,09309,50457	40	
	30	9,79801,23656	2,60875	9,89106,43302	1,69936	9,90694,80354	4,30811	10,09305,19646	30	
	40	9,79803,84505	2,60849	9,89104,73349	1,69953	9,90699,11156	4,30802	10,09300,88844	20	
	50	9,79806,45329	2,60824	9,89103,03379	1,69970	9,90703,41950	4,30794	10,09296,58050	10	
55	0	9,79809,06127	2,60798	9,89101,33392	1,69987	9,90707,72735	4,30785	10,09292,27265	0	5
	10	9,79811,66900	2,60773	9,89099,63388	1,70004	9,90712,03512	4,30777	10,09287,96488	50	
	20	9,79814,27645	2,60745	9,89097,93368	1,70020	9,90716,34277	4,30765	10,09283,65723	40	
	30	9,79816,88365	2,60720	9,89096,23331	1,70037	9,90720,65034	4,30757	10,09279,34966	30	
	40	9,79819,49059	2,60694	9,89094,53277	1,70054	9,90724,95782	4,30748	10,09275,04218	20	
	50	9,79822,09727	2,60668	9,89092,83206	1,70071	9,90729,26521	4,30739	10,09270,73479	10	
56	0	9,79824,70369	2,60642	9,89091,13118	1,70088	9,90733,57251	4,30730	10,09266,42749	0	4
	10	9,79827,30984	2,60615	9,89089,43014	1,70104	9,90737,87970	4,30719	10,09262,12030	50	
	20	9,79829,91575	2,60591	9,89087,72892	1,70122	9,90742,18683	4,30713	10,09257,81317	40	
	30	9,79832,52141	2,60566	9,89086,02753	1,70139	9,90746,49388	4,30705	10,09253,50612	30	
	40	9,79835,12680	2,60539	9,89084,32598	1,70155	9,90750,80082	4,30694	10,09249,19918	20	
	50	9,79837,73193	2,60513	9,89082,62426	1,70172	9,90755,10767	4,30685	10,09244,89233	10	
57	0	9,79840,33680	2,60487	9,89080,92237	1,70189	9,90759,41443	4,30676	10,09240,58557	0	3
	10	9,79842,94141	2,60461	9,89079,22031	1,70206	9,90763,72110	4,30667	10,09236,27890	50	
	20	9,79845,54577	2,60436	9,89077,51808	1,70223	9,90768,02769	4,30659	10,09231,97231	40	
	30	9,79848,14987	2,60410	9,89075,81568	1,70240	9,90772,33419	4,30650	10,09227,66581	30	
	40	9,79850,75370	2,60383	9,89074,11312	1,70256	9,90776,64058	4,30639	10,09223,35942	20	
	50	9,79853,35729	2,60359	9,89072,41038	1,70274	9,90780,94691	4,30633	10,09219,05309	10	
58	0	9,79855,96062	2,60333	9,89070,70747	1,70291	9,90785,25315	4,30624	10,09214,74685	0	2
	10	9,79858,56369	2,60307	9,89069,00439	1,70308	9,90789,55930	4,30615	10,09210,44070	50	
	20	9,79861,16650	2,60281	9,89067,30115	1,70324	9,90793,86535	4,30605	10,09206,13465	40	
	30	9,79863,76905	2,60255	9,89065,59774	1,70341	9,90798,17131	4,30596	10,09201,82869	30	
	40	9,79866,37134	2,60229	9,89063,89416	1,70358	9,90802,47718	4,30587	10,09197,52282	20	
	50	9,79868,97338	2,60204	9,89062,19041	1,70375	9,90806,78297	4,30579	10,09193,21703	10	
59	0	9,79871,57515	2,60177	9,89060,48649	1,70392	9,90811,08866	4,30569	10,09188,91134	0	1
	10	9,79874,17666	2,60151	9,89058,78241	1,70408	9,90815,39425	4,30559	10,09184,60575	50	
	20	9,79876,77792	2,60126	9,89057,07815	1,70426	9,90819,69977	4,30552	10,09180,30023	40	
	30	9,79879,37893	2,60101	9,89055,37372	1,70443	9,90824,00521	4,30544	10,09175,99479	30	
	40	9,79881,97967	2,60074	9,89053,66913	1,70459	9,90828,31054	4,30533	10,09171,68946	20	
	50	9,79884,58016	2,60049	9,89051,96437	1,70476	9,90832,61579	4,30525	10,09167,38421	10	
60	0	9,79887,18039	2,60023	9,89050,25944	1,70493	9,90836,92095	4,30516	10,09163,07905	0	0
		Sin. Compl.	2,59996	SINVVM	1,70509	Tang.compl	4,30505	TANGEN	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,79887,18039	2,59996	9,89050,25944	1,70509	9,90836,92095	4,30505	10,09163,07905	0	60
	10	9,79889,78035	2,59971	9,89048,55435	1,70526	9,90841,22600	4,30497	10,09158,77400	50	
	20	9,79892,38006	2,59945	9,89046,84909	1,70544	9,90845,53097	4,30489	10,09154,46903	40	
	30	9,79894,97951	2,59920	9,89045,14365	1,70561	9,90849,83586	4,30481	10,09150,16414	30	
	40	9,79897,57871	2,59894	9,89043,43804	1,70578	9,90854,14067	4,30472	10,09145,85933	20	
	50	9,79900,17765	2,59869	9,89041,73226	1,70595	9,90858,44539	4,30464	10,09141,55461	10	
1	0	9,79902,77634	2,59843	9,89040,02631	1,70612	9,90862,75003	4,30455	10,09137,24997	0	59
	10	9,79905,37477	2,59817	9,89038,32019	1,70628	9,90867,05458	4,30445	10,09132,94542	50	
	20	9,79907,97294	2,59790	9,89036,61391	1,70645	9,90871,35903	4,30435	10,09128,64097	40	
	30	9,79910,57084	2,59765	9,89034,90746	1,70662	9,90875,66338	4,30427	10,09124,33662	30	
	40	9,79913,16849	2,59739	9,89033,20084	1,70679	9,90879,96765	4,30418	10,09120,03235	20	
	50	9,79915,76588	2,59714	9,89031,49405	1,70696	9,90884,27183	4,30410	10,09115,72817	10	
2	0	9,79918,36302	2,59687	9,89029,78709	1,70712	9,90888,57593	4,30399	10,09111,42407	0	58
	10	9,79920,95989	2,59663	9,89028,07997	1,70730	9,90892,87992	4,30393	10,09107,12008	50	
	20	9,79923,55652	2,59636	9,89026,37267	1,70747	9,90897,18385	4,30383	10,09102,81615	40	
	30	9,79926,15288	2,59611	9,89024,66520	1,70764	9,90901,48768	4,30375	10,09098,51232	30	
	40	9,79928,74899	2,59586	9,89022,95756	1,70781	9,90905,79143	4,30367	10,09094,20857	20	
	50	9,79931,34485	2,59560	9,89021,24975	1,70798	9,90910,09510	4,30358	10,09089,90490	10	
3	0	9,79933,94045	2,59534	9,89019,54177	1,70815	9,90914,39868	4,30349	10,09085,60132	0	57
	10	9,79936,53579	2,59509	9,89017,83362	1,70832	9,90918,70217	4,30341	10,09081,29783	50	
	20	9,79939,13088	2,59481	9,89016,12530	1,70848	9,90923,00558	4,30329	10,09076,99442	40	
	30	9,79941,72569	2,59456	9,89014,41682	1,70865	9,90927,30887	4,30321	10,09072,69113	30	
	40	9,79944,32025	2,59431	9,89012,70817	1,70882	9,90931,61208	4,30313	10,09068,38792	20	
	50	9,79946,91456	2,59405	9,89010,99935	1,70899	9,90935,91521	4,30304	10,09064,08479	10	
4	0	9,79949,50861	2,59379	9,89009,29036	1,70916	9,90940,21825	4,30295	10,09059,78175	0	56
	10	9,79952,10240	2,59354	9,89007,58120	1,70933	9,90944,52120	4,30287	10,09055,47880	50	
	20	9,79954,69594	2,59328	9,89005,87187	1,70950	9,90948,82407	4,30278	10,09051,17593	40	
	30	9,79957,28922	2,59302	9,89004,16237	1,70967	9,90953,12685	4,30269	10,09046,87315	30	
	40	9,79959,88224	2,59277	9,89002,45270	1,70984	9,90957,42954	4,30261	10,09042,57046	20	
	50	9,79962,47501	2,59251	9,89000,74286	1,71000	9,90961,73215	4,30251	10,09038,26785	10	
5	0	9,79965,06752	2,59225	9,88999,03286	1,71017	9,90966,03466	4,30242	10,09033,96534	0	55
	10	9,79967,65977	2,59199	9,88997,32269	1,71034	9,90970,33708	4,30233	10,09029,66292	50	
	20	9,79970,25176	2,59174	9,88995,61235	1,71052	9,90974,63941	4,30226	10,09025,36059	40	
	30	9,79972,84350	2,59148	9,88993,90183	1,71069	9,90978,94167	4,30217	10,09021,05833	30	
	40	9,79975,43498	2,59123	9,88992,19114	1,71086	9,90983,24384	4,30209	10,09016,75616	20	
	50	9,79978,02621	2,59098	9,88990,48028	1,71103	9,90987,54593	4,30201	10,09012,45407	10	
6	0	9,79980,61719	2,59072	9,88988,76925	1,71120	9,90991,84794	4,30192	10,09008,15206	0	54
	10	9,79983,20791	2,59045	9,88987,05805	1,71136	9,90996,14986	4,30181	10,09003,85014	50	
	20	9,79985,79836	2,59020	9,88985,34669	1,71153	9,91000,45167	4,30173	10,08999,54833	40	
	30	9,79988,38856	2,58994	9,88983,63516	1,71170	9,91004,75340	4,30164	10,08995,24660	30	
	40	9,79990,97850	2,58968	9,88981,92346	1,71187	9,91009,05504	4,30155	10,08990,94496	20	
	50	9,79993,56818	2,58943	9,88980,21159	1,71204	9,91013,35659	4,30147	10,08986,64341	10	
7	0	9,79996,15761	2,58917	9,88978,49955	1,71221	9,91017,65806	4,30138	10,08982,34194	0	53
	10	9,79998,74678	2,58892	9,88976,78734	1,71238	9,91021,95944	4,30130	10,08978,04056	50	
	20	9,80001,33570	2,58866	9,88975,07496	1,71255	9,91026,26074	4,30121	10,08973,73926	40	
	30	9,80003,92436	2,58841	9,88973,36241	1,71272	9,91030,56195	4,30113	10,08969,43805	30	
	40	9,80006,51277	2,58814	9,88971,64969	1,71289	9,91034,86308	4,30103	10,08965,13692	20	
	50	9,80009,10091	2,58789	9,88969,93680	1,71306	9,91039,16411	4,30095	10,08960,83589	10	
8	0	9,80011,68880	2,58764	9,88968,22374	1,71323	9,91043,46506	4,30087	10,08956,53494	0	52
	10	9,80014,27644	2,58738	9,88966,51051	1,71340	9,91047,76593	4,30078	10,08952,23407	50	
	20	9,80016,86382	2,58712	9,88964,79711	1,71357	9,91052,06671	4,30069	10,08947,93329	40	
	30	9,80019,45094	2,58687	9,88963,08354	1,71374	9,91056,36740	4,30061	10,08943,63260	30	
	40	9,80022,03781	2,58661	9,88961,36980	1,71391	9,91060,66801	4,30052	10,08939,33199	20	
	50	9,80024,62442	2,58635	9,88959,65589	1,71407	9,91064,96853	4,30042	10,08935,03147	10	
9	0	9,80027,21077	2,58609	9,88957,94182	1,71424	9,91069,26895	4,30033	10,08930,73105	0	51
	10	9,80029,79686	2,58584	9,88956,22758	1,71441	9,91073,56928	4,30025	10,08926,43072	50	
	20	9,80032,38270	2,58558	9,88954,51317	1,71458	9,91077,86953	4,30016	10,08922,13047	40	
	30	9,80034,96828	2,58533	9,88952,79859	1,71476	9,91082,16969	4,30009	10,08917,83031	30	
	40	9,80037,55361	2,58508	9,88951,08383	1,71493	9,91086,46978	4,30001	10,08913,53022	20	
	50	9,80040,13869	2,58482	9,88949,36890	1,71510	9,91090,76979	4,29992	10,08909,23021	10	
10	0	9,80042,72351	2,58456	9,88947,65380	1,71527	9,91095,06971	4,29983	10,08904,93029	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,80042,72351	2,58456	9,88947,65380	1,71527	9,91095,06971	4,29983	10,08904,93029	0	50
	10	9,80045,30807	2,58431	9,88945,93853	1,71544	9,91099,36954	4,29975	10,08900,63046	50	
	20	9,80047,89238	2,58406	9,88944,22309	1,71561	9,91103,66929	4,29967	10,08896,33071	40	
	30	9,80050,47644	2,58379	9,88942,50748	1,71577	9,91107,96896	4,29956	10,08892,03104	30	
	40	9,80053,06023	2,58353	9,88940,79171	1,71594	9,91112,26852	4,29947	10,08887,73148	20	
	50	9,80055,64376	2,58328	9,88939,07577	1,71611	9,91116,56799	4,29939	10,08883,43201	10	
11	0	9,80058,22704	2,58303	9,88937,35966	1,71628	9,91120,86738	4,29931	10,08879,13262	0	49
	10	9,80060,81007	2,58277	9,88935,64338	1,71645	9,91125,16669	4,29922	10,08874,83331	50	
	20	9,80063,39284	2,58251	9,88933,92693	1,71662	9,91129,46591	4,29913	10,08870,53409	40	
	30	9,80065,97535	2,58227	9,88932,21031	1,71680	9,91133,76504	4,29907	10,08866,23496	30	
	40	9,80068,55762	2,58201	9,88930,49351	1,71697	9,91138,06411	4,29898	10,08861,93589	20	
	50	9,80071,13963	2,58175	9,88928,77654	1,71714	9,91142,36309	4,29889	10,08857,63691	10	
12	0	9,80073,72138	2,58150	9,88927,05940	1,71731	9,91146,66198	4,29881	10,08853,33802	0	48
	10	9,80076,30288	2,58124	9,88925,34209	1,71748	9,91150,96079	4,29872	10,08849,03921	50	
	20	9,80078,88412	2,58099	9,88923,62461	1,71765	9,91155,25951	4,29864	10,08844,74049	40	
	30	9,80081,46511	2,58072	9,88921,90696	1,71781	9,91159,55815	4,29853	10,08840,44185	30	
	40	9,80084,04583	2,58047	9,88920,18915	1,71798	9,91163,85668	4,29845	10,08836,14332	20	
	50	9,80086,62630	2,58021	9,88918,47117	1,71815	9,91168,15513	4,29836	10,08831,84487	10	
13	0	9,80089,20651	2,57995	9,88916,75302	1,71832	9,91172,45349	4,29827	10,08827,54651	0	47
	10	9,80081,78646	2,57970	9,88915,03470	1,71849	9,91176,75176	4,29819	10,08823,24824	50	
	20	9,80094,36616	2,57945	9,88913,31621	1,71866	9,91181,04995	4,29811	10,08818,95005	40	
	30	9,80096,94561	2,57920	9,88911,59755	1,71884	9,91185,34806	4,29804	10,08814,65194	30	
	40	9,80099,52481	2,57895	9,88909,87871	1,71901	9,91189,64610	4,29796	10,08810,35390	20	
	50	9,80102,10376	2,57869	9,88908,15970	1,71918	9,91193,94406	4,29787	10,08806,05594	10	
14	0	9,80104,68245	2,57844	9,88906,44052	1,71935	9,91198,24193	4,29779	10,08801,75807	0	46
	10	9,80107,26089	2,57818	9,88904,72117	1,71952	9,91202,53972	4,29770	10,08797,46028	50	
	20	9,80109,83907	2,57792	9,88903,00165	1,71969	9,91206,83742	4,29761	10,08793,16258	40	
	30	9,80112,41699	2,57767	9,88901,28196	1,71986	9,91211,13503	4,29753	10,08788,86497	30	
	40	9,80114,99466	2,57740	9,88899,56210	1,72002	9,91215,43256	4,29742	10,08784,56744	20	
	50	9,80117,57206	2,57715	9,88897,84208	1,72019	9,91219,72998	4,29734	10,08780,27002	10	
15	0	9,80120,14921	2,57689	9,88896,12189	1,72036	9,91224,02732	4,29725	10,08775,97268	0	45
	10	9,80122,72610	2,57664	9,88894,40153	1,72053	9,91228,32457	4,29717	10,08771,67543	50	
	20	9,80125,30274	2,57640	9,88892,68109	1,72071	9,91232,62174	4,29711	10,08767,37826	40	
	30	9,80127,87914	2,57614	9,88890,96029	1,72088	9,91236,91885	4,29702	10,08763,08115	30	
	40	9,80130,45528	2,57588	9,88889,23941	1,72105	9,91241,21587	4,29693	10,08758,78413	20	
	50	9,80133,03116	2,57562	9,88887,51836	1,72122	9,91245,51280	4,29684	10,08754,48720	10	
16	0	9,80135,60678	2,57536	9,88885,79714	1,72138	9,91249,80964	4,29674	10,08750,19036	0	44
	10	9,80138,18214	2,57512	9,88884,07576	1,72156	9,91254,10638	4,29668	10,08745,89362	50	
	20	9,80140,75726	2,57486	9,88882,35420	1,72173	9,91258,40306	4,29659	10,08741,59694	40	
	30	9,80143,33212	2,57461	9,88880,63247	1,72190	9,91262,69965	4,29651	10,08737,30035	30	
	40	9,80145,90673	2,57435	9,88878,91057	1,72207	9,91266,99616	4,29642	10,08733,00384	20	
	50	9,80148,48108	2,57409	9,88877,18850	1,72224	9,91271,29258	4,29633	10,08728,70742	10	
17	0	9,80151,05517	2,57384	9,88875,46626	1,72241	9,91275,58891	4,29625	10,08724,41109	0	43
	10	9,80153,62901	2,57359	9,88873,74385	1,72258	9,91279,88516	4,29617	10,08720,11484	50	
	20	9,80156,20260	2,57333	9,88872,02127	1,72275	9,91284,18133	4,29608	10,08715,81867	40	
	30	9,80158,77593	2,57307	9,88870,29852	1,72292	9,91288,47741	4,29599	10,08711,52259	30	
	40	9,80161,34900	2,57282	9,88868,57560	1,72309	9,91292,77340	4,29591	10,08707,22660	20	
	50	9,80163,92182	2,57257	9,88866,85251	1,72326	9,91297,06931	4,29583	10,08702,93069	10	
18	0	9,80166,49439	2,57232	9,88865,12925	1,72344	9,91301,36514	4,29576	10,08698,63486	0	42
	10	9,80169,06671	2,57207	9,88863,40581	1,72361	9,91305,66090	4,29568	10,08694,33910	50	
	20	9,80171,63878	2,57181	9,88861,68220	1,72378	9,91309,95658	4,29559	10,08690,04342	40	
	30	9,80174,21059	2,57155	9,88859,95842	1,72394	9,91314,25217	4,29549	10,08685,74783	30	
	40	9,80176,78214	2,57129	9,88858,23448	1,72411	9,91318,54766	4,29540	10,08681,45234	20	
	50	9,80179,35343	2,57104	9,88856,51037	1,72428	9,91322,84306	4,29532	10,08677,15694	10	
19	0	9,80181,92447	2,57078	9,88854,78609	1,72445	9,91327,13838	4,29523	10,08672,86162	0	41
	10	9,80184,49525	2,57053	9,88853,06164	1,72462	9,91331,43361	4,29515	10,08668,56639	50	
	20	9,80187,06578	2,57029	9,88851,33702	1,72480	9,91335,72876	4,29509	10,08664,27124	40	
	30	9,80189,63607	2,57003	9,88849,61222	1,72497	9,91340,02385	4,29500	10,08659,97615	30	
	40	9,80192,20610	2,56977	9,88847,88725	1,72514	9,91344,31885	4,29491	10,08655,68115	20	
	50	9,80194,77587	2,56952	9,88846,16211	1,72531	9,91348,61376	4,29483	10,08651,38624	10	
20	0	9,80197,34539	2,56928	9,88844,43680	1,72549	9,91352,90859	4,29477	10,08647,09141	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
20	0	9,80197,34539	2,56928	9,88844,43680	1,72549	9,91352,90859	4,29477	10,08647,09141	0	40
	10	9,80199,91467	2,56901	9,88842,71131	1,72565	9,91357,20336	4,29466	10,08642,79664	50	
	20	9,80202,48368	2,56875	9,88840,98566	1,72582	9,91361,49802	4,29457	10,08638,50198	40	
	30	9,80205,05243	2,56850	9,88839,25984	1,72599	9,91365,79259	4,29449	10,08634,20741	30	
	40	9,80207,62093	2,50024	9,88837,53385	1,72616	9,91370,08708	4,29440	10,08629,91292	20	
	50	9,80210,18917	2,56799	9,88835,80769	1,72633	9,91374,38148	4,29432	10,08625,61852	10	
21	0	9,80212,75716	2,56773	9,88834,08136	1,72650	9,91378,67580	4,29423	10,08621,32420	0	39
	10	9,80215,32489	2,56748	9,88832,35486	1,72667	9,91382,97003	4,29415	10,08617,02997	50	
	20	9,80217,89237	2,56723	9,88830,62819	1,72684	9,91387,26418	4,29407	10,08612,73582	40	
	30	9,80220,45960	2,56698	9,88828,90135	1,72701	9,91391,55825	4,29399	10,08608,44175	30	
	40	9,80223,02658	2,56673	9,88827,17434	1,72719	9,91395,85224	4,29392	10,08604,14776	20	
	50	9,80225,59331	2,56647	9,88825,44715	1,72736	9,91400,14616	4,29383	10,08599,85384	10	
22	0	9,80228,15978	2,56622	9,88823,71979	1,72753	9,91404,43999	4,29375	10,08595,56001	0	38
	10	9,80230,72600	2,56596	9,88821,99226	1,72770	9,91408,73374	4,29366	10,08591,26626	50	
	20	9,80233,29196	2,56571	9,88820,26456	1,72787	9,91413,02740	4,29358	10,08586,97260	40	
	30	9,80235,85767	2,56545	9,88818,53669	1,72804	9,91417,32098	4,29349	10,08582,67902	30	
	40	9,80238,42312	2,56520	9,88816,80865	1,72821	9,91421,61447	4,29341	10,08578,38553	20	
	50	9,80240,98832	2,56495	9,88815,08044	1,72838	9,91425,90788	4,29333	10,08574,09212	10	
23	0	9,80243,55327	2,56469	9,88813,35206	1,72855	9,91430,20121	4,29324	10,08569,79879	0	37
	10	9,80246,11796	2,56444	9,88811,62351	1,72872	9,91434,49445	4,29316	10,08565,50555	50	
	20	9,80248,68240	2,56419	9,88809,89479	1,72889	9,91438,78761	4,29308	10,08561,21239	40	
	30	9,80251,24659	2,56394	9,88808,16590	1,72907	9,91443,08069	4,29301	10,08556,91931	30	
	40	9,80253,81053	2,56369	9,88806,43683	1,72924	9,91447,37370	4,29293	10,08552,62630	20	
	50	9,80256,37422	2,56342	9,88804,70759	1,72941	9,91451,66663	4,29283	10,08548,33337	10	
24	0	9,80258,93764	2,56318	9,88802,97818	1,72959	9,91455,95946	4,29277	10,08544,04054	0	36
	10	9,80261,50082	2,56292	9,88801,24859	1,72975	9,91460,25223	4,29267	10,08539,74777	50	
	20	9,80264,06374	2,56267	9,88799,51884	1,72992	9,91464,54490	4,29259	10,08535,45510	40	
	30	9,80266,62641	2,56241	9,88797,78892	1,73009	9,91468,83749	4,29250	10,08531,16251	30	
	40	9,80269,18882	2,56216	9,88796,05883	1,73026	9,91473,12999	4,29242	10,08526,87001	20	
	50	9,80271,75098	2,56191	9,88794,32857	1,73043	9,91477,42241	4,29234	10,08522,57759	10	
25	0	9,80274,31289	2,56165	9,88792,59814	1,73060	9,91481,71475	4,29225	10,08518,28525	0	35
	10	9,80276,87454	2,56140	9,88790,86754	1,73077	9,91486,00700	4,29217	10,08513,99300	50	
	20	9,80279,43594	2,56115	9,88789,13677	1,73095	9,91490,29917	4,29210	10,08509,70083	40	
	30	9,80281,99709	2,56090	9,88787,40582	1,73112	9,91494,59127	4,29202	10,08505,40873	30	
	40	9,80284,55799	2,56064	9,88785,67470	1,73129	9,91498,88329	4,29193	10,08501,11671	20	
	50	9,80287,11863	2,56039	9,88783,94341	1,73146	9,91503,17522	4,29185	10,08496,82478	10	
26	0	9,80289,67902	2,56013	9,88782,21195	1,73163	9,91507,46707	4,29176	10,08492,53293	0	34
	10	9,80292,23915	2,55988	9,88780,48032	1,73180	9,91511,75883	4,29168	10,08488,24117	50	
	20	9,80294,79903	2,55963	9,88778,74852	1,73197	9,91516,05051	4,29160	10,08483,94949	40	
	30	9,80297,35866	2,55938	9,88777,01655	1,73215	9,91520,34211	4,29153	10,08479,65789	30	
	40	9,80299,91804	2,55913	9,88775,28440	1,73232	9,91524,63364	4,29145	10,08475,36636	20	
	50	9,80302,47717	2,55888	9,88773,55208	1,73249	9,91528,92509	4,29137	10,08471,07491	10	
27	0	9,80305,03605	2,55862	9,88771,81959	1,73266	9,91533,21646	4,29128	10,08466,78354	0	33
	10	9,80307,59467	2,55837	9,88770,08693	1,73283	9,91537,50774	4,29120	10,08462 49226	50	
	20	9,80310,15304	2,55811	9,88768,35410	1,73300	9,91541,79894	4,29111	10,08458,20106	40	
	30	9,80312,71115	2,55786	9,88766,62110	1,73317	9,91546,09005	4,29103	10,08453,90995	30	
	40	9,80315,26901	2,55760	9,88764,88793	1,73334	9,91550,38108	4,29094	10,08449,61892	20	
	50	9,80317,82661	2,55735	9,88763,15459	1,73351	9,91554,67202	4,29086	10,08445,32798	10	
28	0	9,80320,38396	2,55710	9,88761,42108	1,73368	9,91558,96288	4,29078	10,08441,03712	0	32
	10	9,80322,94106	2,55685	9,88759,68740	1,73385	9,91563,25366	4,29071	10,08436,74634	50	
	20	9,80325,49791	2,55660	9,88757,95354	1,73403	9,91567,54437	4,29063	10,08432,45563	40	
	30	9,80328,05451	2,55635	9,88756,21951	1,73420	9,91571,83500	4,29055	10,08428,16500	30	
	40	9,80330,61086	2,55609	9,88754,48531	1,73437	9,91576,12555	4,29046	10,08423,87445	20	
	50	9,80333,16695	2,55584	9,88752,75094	1,73454	9,91580,41601	4,29038	10,08419,58399	10	
29	0	9,80335,72279	2,55558	9,88751,01640	1,73471	9,91584,70639	4,29029	10,08415,29361	0	31
	10	9,80338,27837	2,55533	9,88749,28169	1,73488	9,91588,99668	4,29021	10,08411,00332	50	
	20	9,80340,83370	2,55509	9,88747,54681	1,73506	9,91593,28689	4,29015	10,08406,71311	40	
	30	9,80343,38879	2,55483	9,88745,81175	1,73523	9,91597,57704	4,29006	10,08402,42296	30	
	40	9,80345,94362	2,55458	9,88744,07652	1,73540	9,91601,86710	4,28998	10,08398,13290	20	
	50	9,80348,49820	2,55432	9,88742,34112	1,73557	9,91606,15708	4,28989	10,08393,84292	10	
30	0	9,80351,05252	2,55407	9,88740,60555	1,73574	9,91610,44697	4,28981	10,08389,55303	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
30	0	9,80351,05252	2,55407	9,88740,60555	1,73574	9,91610,44697	4,28981	10,08389,55303	0	30
	10	9,80353,60659	2,55382	9,88738,86981	1,73591	9,91614,73678	4,28973	10,08385,26322	50	
	20	9,80356,16041	2,55357	9,88737,13390	1,73608	9,91619,02651	4,28965	10,08380,97349	40	
	30	9,80358,71398	2,55332	9,88735,39782	1,73626	9,91623,31616	4,28958	10,08376,68384	30	
	40	9,80361,26730	2,55307	9,88733,66156	1,73643	9,91627,60574	4,28950	10,08372,39426	20	
	50	9,80363,82037	2,55281	9,88731,92513	1,73660	9,91631,89524	4,28941	10,08368,10476	10	
31	0	9,80366,37318	2,55256	9,88730,18853	1,73677	9,91636,18465	4,28933	10,08363,81535	0	29
	10	9,80368,92574	2,55230	9,88728,45176	1,73694	9,91640,47398	4,28924	10,08359,52602	50	
	20	9,80371,47804	2,55205	9,88726,71482	1,73711	9,91644,76322	4,28916	10,08355,23678	40	
	30	9,80374,03009	2,55181	9,88724,97771	1,73729	9,91649,05238	4,28910	10,08350,94762	30	
	40	9,80376,58190	2,55155	9,88723,24042	1,73746	9,91653,34148	4,28901	10,08346,65852	20	
	50	9,80379,13345	2,55130	9,88721,50296	1,73763	9,91657,63049	4,28893	10,08342,36951	10	
32	0	9,80381,68475	2,55106	9,88719,76533	1,73781	9,91661,91942	4,28887	10,08338,08058	0	28
	10	9,80384,23581	2,55081	9,88718,02752	1,73798	9,91666,20829	4,28879	10,08333,79171	50	
	20	9,80386,78662	2,55054	9,88716,28954	1,73814	9,91670,49708	4,28868	10,08329,50292	40	
	30	9,80389,33716	2,55029	9,88714,55140	1,73831	9,91674,78576	4,28860	10,08325,21424	30	
	40	9,80391,88745	2,55003	9,88712,81309	1,73848	9,91679,07436	4,28851	10,08320,92564	20	
	50	9,80394,43748	2,54978	9,88711,07461	1,73865	9,91683,36287	4,28843	10,08316,63713	10	
33	0	9,80396,98726	2,54953	9,88709,33596	1,73882	9,91687,65130	4,28835	10,08312,34870	0	27
	10	9,80399,53679	2,54928	9,88707,59714	1,73900	9,91691,93965	4,28828	10,08308,06035	50	
	20	9,80402,08607	2,54904	9,88705,85814	1,73918	9,91696,22793	4,28822	10,08303,77207	40	
	30	9,80404,63511	2,54878	9,88704,11896	1,73935	9,91700,51615	4,28813	10,08299,48385	30	
	40	9,80407,18389	2,54853	9,88702,37961	1,73952	9,91704,80428	4,28805	10,08295,19572	20	
	50	9,80409,73242	2,54828	9,88700,64009	1,73969	9,91709,09233	4,28797	10,08290,90767	10	
34	0	9,80412,28070	2,54803	9,88698,90040	1,73986	9,91713,38030	4,28789	10,08286,61970	0	26
	10	9,80414,82873	2,54777	9,88697,16054	1,74003	9,91717,66819	4,28780	10,08282,33181	50	
	20	9,80417,37650	2,54752	9,88695,42051	1,74020	9,91721,95599	4,28772	10,08278,04401	40	
	30	9,80419,92402	2,54728	9,88693,68031	1,74038	9,91726,24371	4,28765	10,08273,75629	30	
	40	9,80422,47130	2,54702	9,88691,93993	1,74055	9,91730,53137	4,28757	10,08269,46863	20	
	50	9,80425,01832	2,54677	9,88690,19938	1,74072	9,91734,81894	4,28749	10,08265,18106	10	
35	0	9,80427,56509	2,54652	9,88688,45866	1,74089	9,91739,10643	4,28741	10,08260,89357	0	25
	10	9,80430,11161	2,54626	9,88686,71777	1,74106	9,91743,39384	4,28732	10,08256,60616	50	
	20	9,80432,65787	2,54602	9,88684,97671	1,74124	9,91747,68116	4,28726	10,08252,31884	40	
	30	9,80435,20389	2,54577	9,88683,23547	1,74141	9,91751,96842	4,28718	10,08248,03158	30	
	40	9,80437,74966	2,54551	9,88681,49406	1,74158	9,91756,25560	4,28709	10,08243,74440	20	
	50	9,80440,29517	2,54526	9,88679,75248	1,74175	9,91760,54269	4,28701	10,08239,45731	10	
36	0	9,80442,84043	2,54501	9,88678,01073	1,74192	9,91764,82970	4,28693	10,08235,17030	0	24
	10	9,80445,38544	2,54476	9,88676,26881	1,74210	9,91769,11663	4,28686	10,08230,88337	50	
	20	9,80447,93020	2,54451	9,88674,52671	1,74227	9,91773,40349	4,28678	10,08226,59651	40	
	30	9,80450,47471	2,54426	9,88672,78444	1,74244	9,91777,69027	4,28670	10,08222,30973	30	
	40	9,80453,01897	2,54400	9,88671,04200	1,74261	9,91781,97697	4,28661	10,08218,02303	20	
	50	9,80455,56297	2,54375	9,88669,29939	1,74278	9,91786,26358	4,28653	10,08213,73642	10	
37	0	9,80458,10672	2,54351	9,88667,55661	1,74296	9,91790,55011	4,28647	10,08209,44989	0	23
	10	9,80460,65023	2,54326	9,88665,81365	1,74313	9,91794,83658	4,28639	10,08205,16342	50	
	20	9,80463,19349	2,54300	9,88664,07052	1,74330	9,91799,12297	4,28630	10,08200,87703	40	
	30	9,80465,73649	2,54275	9,88662,32722	1,74347	9,91803,40927	4,28622	10,08196,59073	30	
	40	9,80468,27924	2,54250	9,88660,58375	1,74364	9,91807,69549	4,28614	10,08192,30451	20	
	50	9,80470,82174	2,54224	9,88658,84011	1,74381	9,91811,98163	4,28605	10,08188,01837	10	
38	0	9,80473,36398	2,54199	9,88657,09630	1,74398	9,91816,26768	4,28597	10,08183,73232	0	22
	10	9,80475,90597	2,54175	9,88655,35232	1,74416	9,91820,55365	4,28591	10,08179,44635	50	
	20	9,80478,44772	2,54149	9,88653,60816	1,74433	9,91824,83956	4,28582	10,08175,16044	40	
	30	9,80480,98921	2,54124	9,88651,86383	1,74450	9,91829,12538	4,28574	10,08170,87462	30	
	40	9,80483,53045	2,54100	9,88650,11933	1,74468	9,91833,41112	4,28568	10,08166,58888	20	
	50	9,80486,07145	2,54074	9,88648,37465	1,74485	9,91837,69680	4,28559	10,08162,30320	10	
39	0	9,80488,61219	2,54049	9,88646,62980	1,74502	9,91841,98239	4,28551	10,08158,01761	0	21
	10	9,80491,15268	2,54024	9,88644,88478	1,74519	9,91846,26790	4,28543	10,08153,73210	50	
	20	9,80493,69292	2,54000	9,88643,13959	1,74537	9,91850,55333	4,28537	10,08149,44667	40	
	30	9,80496,23292	2,53974	9,88641,39422	1,74554	9,91854,83870	4,28528	10,08145,16130	30	
	40	9,80498,77266	2,53949	9,88639,64868	1,74571	9,91859,12398	4,28520	10,08140,87602	20	
	50	9,80501,31215	2,53924	9,88637,90297	1,74588	9,91863,40918	4,28512	10,08136,59082	10	
40	0	9,80503,85139	2,53899	9,88636,15709	1,74605	9,91867,69430	4,28504	10,08132,30570	0	20
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM. Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.	S	M
40	0	9,80503,85139	2,53899	9,88636,15709	1,74605	9,91867,69430	4,28504	10,08132,30570	0	20
	10	9,80506,39038	2,53873	9,88634,41104	1,74622	9,91871,97934	4,28495	10,08128,02066	50	
	20	9,80508,92911	2,53849	9,88632,66482	1,74640	9,91876,26429	4,28489	10,08123,73571	40	
	30	9,80511,46760	2,53824	9,88630,91842	1,74657	9,91880,54918	4,28481	10,08119,45082	30	
	40	9,80514,00584	2,53799	9,88629,17185	1,74675	9,91884,83399	4,28474	10,08115,16601	20	
	50	9,80516,54383	2,53774	9,88627,42510	1,74692	9,91889,11873	4,28466	10,08110,88127	10	
41	0	9,80519,08157	2,53749	9,88625,67818	1,74709	9,91893,40339	4,28458	10,08106,59661	0	19
	10	9,80521,61906	2,53724	9,88623,93109	1,74726	9,91897,68797	4,28450	10,08102,31203	50	
	20	9,80524,15630	2,53698	9,88622,18383	1,74743	9,91901,97247	4,28441	10,08098,02753	40	
	30	9,80526,69328	2,53673	9,88620,43640	1,74760	9,91906,25688	4,28433	10,08093,74312	30	
	40	9,80529,23001	2,53649	9,88618,68880	1,74778	9,91910,54121	4,28427	10,08089,45879	20	
	50	9,80531,76650	2,53624	9,88616,94102	1,74795	9,91914,82548	4,28419	10,08085,17452	10	
42	0	9,80534,30274	2,53598	9,88615,19307	1,74812	9,91919,10967	4,28410	10,08080,89033	0	18
	10	9,80536,83872	2,53573	9,88613,44495	1,74829	9,91923,39377	4,28402	10,08076,60623	50	
	20	9,80539,37445	2,53549	9,88611,69666	1,74847	9,91927,67779	4,28396	10,08072,32221	40	
	30	9,80541,90994	2,53524	9,88609,94819	1,74864	9,91931,96175	4,28388	10,08068,03825	30	
	40	9,80544,44518	2,53498	9,88608,19955	1,74881	9,91936,24563	4,28379	10,08063,75437	20	
	50	9,80546,98016	2,53473	9,88606,45074	1,74898	9,91940,52942	4,28371	10,08059,47058	10	
43	0	9,80549,51489	2,53447	9,88604,70176	1,74914	9,91944,81313	4,28361	10,08055,18687	0	17
	10	9,80552,04936	2,53422	9,88602,95262	1,74932	9,91949,09674	4,28354	10,08050,90326	50	
	20	9,80554,58358	2,53398	9,88601,20330	1,74950	9,91953,38028	4,28348	10,08046,61972	40	
	30	9,80557,11756	2,53374	9,88599,45380	1,74968	9,91957,66376	4,28342	10,08042,33624	30	
	40	9,80559,65130	2,53350	9,88597,70412	1,74986	9,91961,94718	4,28336	10,08038,05282	20	
	50	9,80562,18480	2,53325	9,88595,95426	1,75003	9,91966,23054	4,28328	10,08033,76946	10	
44	0	9,80564,71805	2,53299	9,88594,20423	1,75020	9,91970,51382	4,28319	10,08029,48618	0	16
	10	9,80567,25104	2,53274	9,88592,45403	1,75037	9,91974,79701	4,28311	10,08025,20299	50	
	20	9,80569,78378	2,53249	9,88590,70366	1,75054	9,91979,08012	4,28303	10,08020,91988	40	
	30	9,80572,31627	2,53224	9,88588,95312	1,75071	9,91983,36315	4,28295	10,08016,63685	30	
	40	9,80574,84851	2,53198	9,88587,20241	1,75088	9,91987,64610	4,28286	10,08012,35390	20	
	50	9,80577,38049	2,53173	9,88585,45153	1,75105	9,91991,92896	4,28278	10,08008,07104	10	
45	0	9,80579,91222	2,53148	9,88583,70048	1,75122	9,91996,21174	4,28270	10,08003,78826	0	15
	10	9,80582,44370	2,53123	9,88581,94926	1,75139	9,92000,49444	4,28262	10,07999,50556	50	
	20	9,80584,97493	2,53098	9,88580,19787	1,75157	9,92004,77706	4,28255	10,07995,22294	40	
	30	9,80587,50591	2,53075	9,88578,44630	1,75175	9,92009,05961	4,28250	10,07990,94039	30	
	40	9,80590,03666	2,53049	9,88576,69455	1,75192	9,92013,34211	4,28241	10,07986,65789	20	
	50	9,80592,56715	2,53024	9,88574,94263	1,75210	9,92017,62452	4,28234	10,07982,37548	10	
46	0	9,80595,09739	2,52999	9,88573,19053	1,75227	9,92021,90686	4,28226	10,07978,09314	0	14
	10	9,80597,62738	2,52974	9,88571,43826	1,75244	9,92026,18912	4,28218	10,07973,81088	50	
	20	9,80600,15712	2,52949	9,88569,68582	1,75261	9,92030,47130	4,28210	10,07969,52870	40	
	30	9,80602,68661	2,52924	9,88567,93321	1,75278	9,92034,75340	4,28202	10,07965,24660	30	
	40	9,80605,21585	2,52899	9,88566,18043	1,75295	9,92039,03542	4,28194	10,07960,96458	20	
	50	9,80607,74484	2,52873	9,88564,42748	1,75312	9,92043,31736	4,28185	10,07956,68264	10	
47	0	9,80610,27357	2,52848	9,88562,67436	1,75329	9,92047,59921	4,28177	10,07952,40079	0	13
	10	9,80612,80205	2,52824	9,88560,92107	1,75347	9,92051,88098	4,28171	10,07948,11902	50	
	20	9,80615,33029	2,52800	9,88559,16760	1,75365	9,92056,16269	4,28165	10,07943,83731	40	
	30	9,80617,85829	2,52776	9,88557,41395	1,75383	9,92060,44434	4,28159	10,07939,55566	30	
	40	9,80620,38605	2,52750	9,88555,66012	1,75400	9,92064,72593	4,28150	10,07935,27407	20	
	50	9,80622,91355	2,52725	9,88553,90612	1,75417	9,92069,00743	4,28142	10,07930,99257	10	
48	0	9,80625,44080	2,52700	9,88552,15195	1,75434	9,92073,28885	4,28134	10,07926,71115	0	12
	10	9,80627,96780	2,52675	9,88550,39761	1,75451	9,92077,57019	4,28126	10,07922,42981	50	
	20	9,80630,49455	2,52650	9,88548,64310	1,75469	9,92081,85145	4,28119	10,07918,14855	40	
	30	9,80633,02105	2,52625	9,88546,88841	1,75486	9,92086,13264	4,28111	10,07913,86736	30	
	40	9,80635,54730	2,52600	9,88545,13355	1,75503	9,92090,41375	4,28103	10,07909,58625	20	
	50	9,80638,07330	2,52575	9,88543,37852	1,75520	9,92094,69478	4,28095	10,07905,30522	10	
49	0	9,80640,59905	2,52550	9,88541,62332	1,75537	9,92098,97573	4,28087	10,07901,02427	0	11
	10	9,80643,12455	2,52526	9,88539,86795	1,75555	9,92103,25660	4,28081	10,07896,74340	50	
	20	9,80645,64981	2,52500	9,88538,11240	1,75572	9,92107,53741	4,28072	10,07892,46259	40	
	30	9,80648,17481	2,52476	9,88536,35668	1,75590	9,92111,81813	4,28066	10,07888,18187	30	
	40	9,80650,69957	2,52451	9,88534,60078	1,75607	9,92116,09879	4,28058	10,07883,90121	20	
	50	9,80653,22408	2,52426	9,88532,84471	1,75624	9,92120,37937	4,28050	10,07879,62063	10	
50	0	9,80655,74834	2,52401	9,88531,08847	1,75641	9,92124,65987	4,28042	10,07875,34013	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,80655,74834	2,52401	9,88531,08847	1,75641	9,92124,65987	4,28042	10,07875,34013	0	10
	10	9,80658,27235	2,52376	9,88529,33206	1,75659	9,92128,94029	4,28035	10,07871,05971	50	
	20	9,80660,79611	2,52351	9,88527,57547	1,75676	9,92133,22064	4,28027	10,07866,77936	40	
	30	9,80663,31962	2,52327	9,88525,81871	1,75694	9,92137,50091	4,28021	10,07862,49909	30	
	40	9,80665,84289	2,52302	9,88524,06177	1,75711	9,92141,78112	4,28013	10,07858,21888	20	
	50	9,80668,36591	2,52276	9,88522,30466	1,75728	9,92146,06125	4,28004	10,07853,93875	10	
51	0	9,80670,88867	2,52251	9,88520,54738	1,75745	9,92150,34129	4,27996	10,07849,65871	0	9
	10	9,80673,41118	2,52227	9,88518,78993	1,75763	9,92154,62125	4,27990	10,07845,37875	50	
	20	9,80675,93345	2,52203	9,88517,03230	1,75780	9,92158,90115	4,27983	10,07841,09885	40	
	30	9,80678,45548	2,52177	9,88515,27450	1,75797	9,92163,18098	4,27974	10,07836,81902	30	
	40	9,80680,97725	2,52153	9,88513,51653	1,75815	9,92167,46072	4,27968	10,07832,53928	20	
	50	9,80683,49878	2,52128	9,88511,75838	1,75832	9,92171,74040	4,27960	10,07828,25960	10	
52	0	9,80686,02006	2,52102	9,88510,00006	1,75849	9,92176,02000	4,27951	10,07823,98000	0	8
	10	9,80688,54108	2,52077	9,88508,24157	1,75866	9,92180,29951	4,27943	10,07819,70049	50	
	20	9,80691,06185	2,52053	9,88506,48291	1,75884	9,92184,57894	4,27937	10,07815,42106	40	
	30	9,80693,58238	2,52029	9,88504,72407	1,75902	9,92188,85831	4,27931	10,07811,14169	30	
	40	9,80696,10267	2,52004	9,88502,96505	1,75919	9,92193,13762	4,27923	10,07806,86238	20	
	50	9,80698,62271	2,51978	9,88501,20586	1,75936	9,92197,41685	4,27914	10,07802,58315	10	
53	0	9,80701,14249	2,51954	9,88499,44650	1,75954	9,92201,69599	4,27908	10,07798,30401	0	7
	10	9,80703,66203	2,51929	9,88497,68696	1,75971	9,92205,97507	4,27900	10,07794,02493	50	
	20	9,80706,18132	2,51905	9,88495,92725	1,75988	9,92210,25407	4,27893	10,07789,74593	40	
	30	9,80708,70037	2,51879	9,88494,16737	1,76005	9,92214,53300	4,27884	10,07785,46700	30	
	40	9,80711,21916	2,51855	9,88492,40732	1,76023	9,92218,81184	4,27878	10,07781,18816	20	
	50	9,80713,73771	2,51829	9,88490,64709	1,76040	9,92223,09002	4,27869	10,07776,90938	10	
54	0	9,80716,25600	2,51804	9,88488,88669	1,76057	9,92227,36931	4,27861	10,07772,63069	0	6
	10	9,80718,77404	2,51779	9,88487,12612	1,76074	9,92231,64792	4,27853	10,07768,35208	50	
	20	9,80721,29183	2,51756	9,88485,36538	1,76092	9,92235,92645	4,27848	10,07764,07355	40	
	30	9,80723,80939	2,51730	9,88483,60446	1,76109	9,92240,20493	4,27839	10,07759,79507	30	
	40	9,80726,32669	2,51706	9,88481,84337	1,76127	9,92244,48332	4,27833	10,07755,51668	20	
	50	9,80728,84375	2,51682	9,88480,08210	1,76145	9,92248,76165	4,27827	10,07751,23835	10	
55	0	9,80731,36057	2,51657	9,88478,32065	1,76162	9,92253,03992	4,27819	10,07746,96008	0	5
	10	9,80733,87714	2,51631	9,88476,55903	1,76179	9,92257,31811	4,27810	10,07742,68189	50	
	20	9,80736,39345	2,51606	9,88474,79724	1,76196	9,92261,59621	4,27802	10,07738,40379	40	
	30	9,80738,90951	2,51582	9,88473,03528	1,76214	9,92265,87423	4,27796	10,07734,12577	39	
	40	9,80741,42533	2,51557	9,88471,27314	1,76231	9,922/0,15219	4,27788	10,07729,84781	20	
	50	9,80743,94090	2,51532	9,88469,51083	1,76248	9,92274,43007	4,27780	10,07725,56993	10	
56	0	9,80746,45622	2,51508	9,88467,74835	1,76266	9,92278,70787	4,27774	10,07721,29213	0	4
	10	9,80748,97130	2,51483	9,88465,98569	1,76283	9,92282,98561	4,27766	10,07717,01439	50	
	20	9,80751,48613	2,51457	9,88464,22286	1,76300	9,92287,26327	4,27757	10,07712,73673	40	
	30	9,80754,00070	2,51433	9,88462,45986	1,76318	9,92291,54084	4,27751	10,07708,45916	30	
	40	9,80756,51503	2,51408	9,88460,69668	1,76335	9,92295,81835	4,27743	10,07704,18165	20	
	50	9,80759,02911	2,51383	9,88458,93333	1,76352	9,92300,09578	4,27735	10,07699,90422	10	
57	0	9,80761,54294	2,51358	9,88457,16981	1,76369	9,92304,37313	4,27727	10,07695,62687	0	3
	10	9,80764,05652	2,51334	9,88455,40612	1,76387	9,92308,65040	4,27721	10,07691,34960	50	
	20	9,80766,56986	2,51309	9,88453,64225	1,76404	9,92312,92761	4,27713	10,07687,07239	40	
	30	9,80769,08295	2,51285	9,88451,87821	1,76422	9,92317,20474	4,27707	10,07682,79526	30	
	40	9,80771,59580	2,51260	9,88450,11399	1,76440	9,92321,48181	4,27700	10,07678,51819	20	
	50	9,80774,10840	2,51235	9,88448,34959	1,76457	9,92325,75881	4,27692	10,07674,24119	10	
58	0	9,80776,62075	2,51210	9,88446,58502	1,76474	9,92330,03573	4,27684	10,07669,96427	0	2
	10	9,80779,13285	2,51185	9,88444,82028	1,76491	9,92334,31257	4,27676	10,07665,68743	50	
	20	9,80781,64470	2,51161	9,88443,05537	1,76509	9,92338,58933	4,27670	10,07661,41067	40	
	30	9,80784,15631	2,51137	9,88441,29028	1,76527	9,92342,86603	4,27664	10,07657,13397	30	
	40	9,80786,66768	2,51112	9,88439,52501	1,76544	9,92347,14267	4,27656	10,07652,85733	20	
	50	9,80789,17880	2,51087	9,88437,75957	1,76561	9,92351,41923	4,27648	10,07648,58077	10	
59	0	9,80791,68967	2,51062	9,88435,99396	1,76578	9,92355,69571	4,27640	10,07644,30429	0	1
	10	9,80794,20029	2,51037	9,88434,22818	1,76596	9,92359,97211	4,27633	10,07640,02789	50	
	20	9,80796,71066	2,51012	9,88432,46222	1,76613	9,92364,24844	4,27625	10,07635,75156	40	
	30	9,80799,22078	2,50988	9,88430,69609	1,76631	9,92368,52469	4,27619	10,07631,47531	30	
	40	9,80801,73066	2,50963	9,88428,92978	1,76648	9,92372,80088	4,27611	10,07627,19912	20	
	50	9,80804,24029	2,50938	9,88427,16330	1,76665	9,92377,07699	4,27603	10,07622,92301	10	
60	0	9,80806,74967	2,50913	9,88425,39665	1,76682	9,92381,35302	4,27595	10,07618,64698	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,80806,74967		9,88425,39665		9,92381,35302		10,07618,64698	0	60
	10	9,80809,25880	2,50913	9,88423,62983	1,76682	9,92385,62897	4,27595	10,07614,37103	50	
	20	9,80811,76769	2,50889	9,88421,86283	1,76700	9,92389,90486	4,27589	10,07610,09514	40	
	30	9,80814,27633	2,50864	9,88420,09566	1,76717	9,92394,18067	4,27581	10,07605,81933	30	
	40	9,80816,78473	2,50840	9,88418,32831	1,76735	9,92398,45642	4,27575	10,07601,54358	20	
	50	9,80819,29288	2,50815	9,88416,56078	7,76753	9,92402,73210	4,27568	10,07597,26790	10	
1	0	9,80821,80078	2,50790	9,88414,79308	1,76770	9,92407,00770	4,27560	10,07592,99230	0	59
	10	9,80824,30844	2,50766	9,88413,02520	1,76788	9,92411,28324	4,27554	10,07588,71676	50	
	20	9,80826,81585	2,50741	9,88411,25715	1,76805	9,92415,55870	4,27546	10,07584,44130	40	
	30	9,80829,32302	2,50717	9,88409,48893	1,76822	9,92419,83409	4,27539	10,07580,16591	30	
	40	9,80831,82993	2,50691	9,88407,72054	1,76839	9,92424,10939	4,27530	10,07575,89061	20	
	50	9,80834,33659	2,50666	9,88405,95198	1,76856	9,92428,38461	4,27522	10,07571,61539	10	
2	0	9,80836,84301	2,50642	9,88404,18324	1,76874	9,92432,65977	4,27516	10,07567,34023	0	58
	10	9,80839,34919	2,50618	9,88402,41432	1,76892	9,92436,93487	4,27510	10,07563,06513	50	
	20	9,80841,85512	2,50593	9,88400,64523	1,76909	9,92441,20989	4,27502	10,07558,79011	40	
	30	9,80844,36080	2,50568	9,88398,87596	1,76927	9,92445,48484	4,27495	10,07554,51516	30	
	40	9,80846,86624	2,50544	9,88397,10652	1,76944	9,92449,75972	4,27488	10,07550,24028	20	
	50	9,80849,37143	2,50519	9,88395,33691	1,76961	9,92454,03452	4,27480	10,07545,96548	10	
3	0	9,80851,87636	2,50493	9,88393,56713	1,76978	9,92458,30923	4,27471	10,07541,69077	0	57
	10	9,80854,38105	2,50469	9,88391,79717	1,76996	9,92462,58388	4,27465	10,07537,41612	50	
	20	9,80856,88549	2,50444	9,88390,02704	1,77013	9,92466,85845	4,27457	10,07533,14155	40	
	30	9,80859,38970	2,50421	9,88388,25673	1,77031	9,92471,13297	4,27452	10,07528,86703	30	
	40	9,80861,89365	2,50395	9,88386,48625	1,77048	9,92475,40740	4,27443	10,07524,59260	20	
	50	9,80864,39736	2,50371	9,88384,71559	1,77066	9,92479,68177	4,27437	10,07520,31823	10	
4	0	9,80866,90082	2,50346	9,88382,94476	1,77083	9,92483,95606	4,27429	10,07516,04394	0	56
	10	9,80869,40404	2,50322	9,88381,17375	1,77101	9,92488,23029	4,27423	10,07511,76971	50	
	20	9,80871,90701	2,50297	9,88379,40257	1,77118	9,92492,50444	4,27415	10,07507,49556	40	
	30	9,80874,40974	2,50273	9,88377,63121	1,77136	9,92496,77853	4,27409	10,07503,22147	30	
	40	9,80876,91222	2,50248	9,88375,85968	1,77153	9,92501,05254	4,27401	10,07498,94746	20	
	50	9,80879,41445	2,50223	9,88374,08798	1,77170	9,92505,32647	4,27393	10,07494,67353	10	
5	0	9,80881,91642	2,50197	9,88372,31611	1,77187	9,92509,60031	4,27384	10,07490,39969	0	55
	10	9,80884,41815	2,50173	9,88370,54406	1,77205	9,92513,87409	4,27378	10,07486,12591	50	
	20	9,80886,91963	2,50148	9,88368,77184	1,77222	9,92518,14779	4,27370	10,07481,85221	40	
	30	9,80889,42088	2,50125	9,88366,99944	1,77240	9,92522,42144	4,27365	10,07477,57856	30	
	40	9,80891,92188	2,50100	9,88365,22686	1,77258	9,92526,69502	4,27358	10,07473,30498	20	
	50	9,80894,42263	2,50075	9,88363,45411	1,77275	9,92530,96852	4,27350	10,07469,03148	10	
6	0	9,80896,92315	2,50052	9,88361,68118	1,77293	9,92535,24197	4,27345	10,07464,75803	0	54
	10	9,80899,42341	2,50026	9,88359,90808	1,77310	9,92539,51533	4,27336	10,07460,48467	50	
	20	9,80901,92343	2,50002	9,88358,13480	1,77328	9,92543,78863	4,27330	10,07456,21137	40	
	30	9,80904,42321	2,49978	9,88356,36135	1,77345	9,92548,06186	4,27323	10,07451,93814	30	
	40	9,80906,92273	2,49952	9,88354,58773	1,77362	9,92552,33500	4,27314	10,07447,66500	20	
	50	9,80909,42201	2,49928	9,88352,81393	1,77380	9,92556,60808	4,27308	10,07443,39192	10	
7	0	9,80911,92104	2,49903	9,88351,03996	1,77397	9,92560,88108	4,27300	10,07439,11892	0	53
	10	9,80914,41983	2,49879	9,88349,26581	1,77415	9,92565,15402	4,27294	10,07434,84598	50	
	20	9,80916,91837	2,49854	9,88347,49149	1,77432	9,92569,42688	4,27286	10,07430,57312	40	
	30	9,80919,41666	2,49829	9,88345,71699	1,77450	9,92573,69967	4,27279	10,07426,30033	30	
	40	9,80921,91471	2,49805	9,88343,94232	1,77467	9,92577,97239	4,27272	10,07422,02761	20	
	50	9,80924,41251	2,49780	9,88342,16748	1,77484	9,92582,24503	4,27264	10,07417,75497	10	
8	0	9,80926,91007	2,49756	9,88340,39246	1,77502	9,92586,51761	4,27258	10,07413,48239	0	52
	10	9,80929,40738	2,49731	9,88338,61727	1,77519	9,92590,79011	4,27250	10,07409,20989	50	
	20	9,80931,90445	2,49707	9,88336,84190	1,77537	9,92595,06255	4,27244	10,07404,93745	40	
	30	9,80934,40127	2,49682	9,88335,06635	1,77555	9,92599,33492	4,27237	10,07400,66508	30	
	40	9,80936,89785	2,49658	9,88333,29063	1,77572	9,92603,60722	4,27230	10,07396,39278	20	
	50	9,80939,39418	2,49633	9,88331,51474	1,77589	9,92607,87944	4,27222	10,07392,12056	10	
9	0	9,80941,89025	2,49607	9,88329,73868	1,77606	9,92612,15157	4,27213	10,07387,84843	0	51
	10	9,80944,38607	2,49582	9,88327,96245	1,77623	9,92616,42362	4,27205	10,07383,57638	50	
	20	9,80946,88165	2,49558	9,88326,18604	1,77641	9,92620,69561	4,27199	10,07379,30439	40	
	30	9,80949,37700	2,49535	9,88324,40945	1,77659	9,92624,96755	4,27194	10,07375,03245	30	
	40	9,80951,87211	2,49511	9,88322,63268	1,77677	9,92629,23943	4,27188	10,07370,76057	20	
	50	9,80954,36698	2,49487	9,88320,85573	1,77695	9,92633,51125	4,27182	10,07366,48875	10	
10	0	9,80956,86159	2,49461	9,88319,07861	1,77712	9,92637,78298	4,27173	10,07362,21702	0	50
		Sin. Compl.	2,49437	SINVVM	1,77730	Tang.compl	4,27167	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
10	0	9,80956,86159	2,49437	9,88319,07861	1,77730	9,92637,78298	4,27167	10,07362,21702	0	50
	10	9,80959,35596	2,49412	9,88317,30131	1,77747	9,92642,05465	4,27159	10,07357,94535	50	
	20	9,80961,85008	2,49388	9,88315,52384	1,77764	9,92646,32624	4,27152	10,07353,67376	40	
	30	9,80964,34396	2,49362	9,88313,74620	1,77781	9,92650,59776	4,27143	10,07349,40224	30	
	40	9,80966,83758	2,49337	9,88311,96839	1,77798	9,92654,86919	4,27135	10,07345,13081	20	
	50	9,80969,33095	2,49314	9,88310,19041	1,77816	9,92659,14054	4,27130	10,07340,85946	10	
11	0	9,80971,82409	2,49289	9,88308,41225	1,77833	9,92663,41184	4,27122	10,07336,58816	0	49
	10	9,80974,31698	2,49265	9,88306,63392	1,77851	9,92667,68306	4,27116	10,07332,31694	50	
	20	9,80976,80963	2,49240	9,88304,85541	1,77869	9,92671,95422	4,27109	10,07328,04578	40	
	30	9,80979,30203	2,49217	9,88303,07672	1,77887	9,92676,22531	4,27104	10,07323,77469	30	
	40	9,80981,79420	2,49191	9,88301,29785	1,77904	9,92680,49635	4,27095	10,07319,50365	20	
	50	9,80984,28611	2,49167	9,88299,51881	1,77922	9,92684,76730	4,27089	10,07315,23270	10	
12	0	9,80986,77778	2,49142	9,88297,73959	1,77939	9,92689,03819	4,27081	10,07310,96181	0	48
	10	9,80989,26920	2,49118	9,88295,96020	1,77957	9,92693,30900	4,27075	10,07306,69100	50	
	20	9,80991,76038	2,49094	9,88294,18063	1,77974	9,92697,57975	4,27068	10,07302,42025	40	
	30	9,80994,25132	2,49069	9,88292,40089	1,77991	9,92701,85043	4,27060	10,07298,14957	30	
	40	9,80996,74201	2,49044	9,88290,62098	1,78009	9,92706,12103	4,27053	10,07293,87897	20	
	50	9,80999,23245	2,49019	9,88288,84089	1,78026	9,92710,39156	4,27045	10,07289,60844	10	
13	0	9,81001,72264	2,48994	9,88287,06063	1,78043	9,92714,66201	4,27037	10,07285,33799	0	47
	10	9,81004,21258	2,48970	9,88285,28020	1,78061	9,92718,93238	4,27031	10,07281,06762	50	
	20	9,81006,70228	2,48947	9,88283,49959	1,78079	9,92723,20269	4,27026	10,07276,79731	40	
	30	9,81009,19175	2,48923	9,88281,71880	1,78097	9,92727,47295	4,27020	10,07272,52705	30	
	40	9,81011,68098	2,48898	9,88279,93783	1,78114	9,92731,74315	4,27012	10,07268,25685	20	
	50	9,81014,16996	2,48873	9,88278,15669	1,78132	9,92736,01327	4,27005	10,07263,98673	10	
14	0	9,81016,65869	2,48848	9,88276,37537	1,78149	9,92740,28332	4,26997	10,07259,71668	0	46
	10	9,81019,14717	2,48824	9,88274,59388	1,78167	9,92744,55329	4,26991	10,07255,44671	50	
	20	9,81021,63541	2,48800	9,88272,81221	1,78184	9,92748,82320	4,26984	10,07251,17680	40	
	30	9,81024,12341	2,48774	9,88271,03037	1,78201	9,92753,09304	4,26975	10,07246,90696	30	
	40	9,81026,61115	2,48751	9,88269,24836	1,78219	9,92757,36279	4,26970	10,07242,63721	20	
	50	9,81029,09866	2,48726	9,88267,46617	1,78236	9,92761,63249	4,26962	10,07238,36751	10	
15	0	9,81031,58592	2,48703	9,88265,68381	1,78255	9,92765,90211	4,26958	10,07234,09789	0	45
	10	9,81034,07295	2,48678	9,88263,90126	1,78272	9,92770,17169	4,26950	10,07229,82831	50	
	20	9,81036,55973	2,48652	9,88262,11854	1,78289	9,92774,44119	4,26941	10,07225,55881	40	
	30	9,81039,04625	2,48629	9,88260,33565	1,78307	9,92778,71060	4,26936	10,07221,28940	30	
	40	9,81041,53254	2,48604	9,88258,55258	1,78324	9,92782,97996	4,26928	10,07217,02004	20	
	50	9,81044,01858	2,48578	9,88256,76934	1,78341	9,92787,24924	4,26919	10,07212,75076	10	
16	0	9,81046,50436	2,48555	9,88254,98593	1,78359	9,92791,51843	4,26914	10,07208,48157	0	44
	10	9,81048,98991	2,48532	9,88253,20234	1,78378	9,92795,78757	4,26910	10,07204,21243	50	
	20	9,81051,47523	2,48507	9,88251,41856	1,78395	9,92800,05667	4,26902	10,07199,94333	40	
	30	9,81053,96030	2,48482	9,88249,63461	1,78412	9,92804,32569	4,26894	10,07195,67431	30	
	40	9,81056,44512	2,48457	9,88247,85049	1,78429	9,92808,59463	4,26886	10,07191,40537	20	
	50	9,81058,92969	2,48432	9,88246,06620	1,78446	9,92812,86349	4,26878	10,07187,13651	10	
17	0	9,81061,41401	2,48409	9,88244,28174	1,78465	9,92817,13227	4,26874	10,07182,86773	0	43
	10	9,81063,89810	2,48385	9,88242,49709	1,78483	9,92821,40101	4,26868	10,07178,59899	50	
	20	9,81066,38195	2,48360	9,88240,71226	1,78500	9,92825,66969	4,26860	10,07174,33031	40	
	30	9,81068,86555	2,48335	9,88238,92726	1,78517	9,92829,93829	4,26852	10,07170,06171	30	
	40	9,81071,34890	2,48310	9,88237,14209	1,78534	9,92834,20681	4,26844	10,07165,79319	20	
	50	9,81073,83200	2,48285	9,88235,35675	1,78551	9,92838,47525	4,26836	10,07161,52475	10	
18	0	9,81076,31485	2,48261	9,88233,57124	1,78569	9,92842,74361	4,26830	10,07157,25639	0	42
	10	9,81078,79746	2,48238	9,88231,78555	1,78587	9,92847,01191	4,26825	10,07152,98809	50	
	20	9,81081,27984	2,48214	9,88229,99968	1,78605	9,92851,28016	4,26819	10,07148,71984	40	
	30	9,81083,76198	2,48190	9,88228,21363	1,78623	9,92855,54835	4,26813	10,07144,45165	30	
	40	9,81086,24388	2,48164	9,88226,42740	1,78640	9,92859,81648	4,26804	10,07140,18352	20	
	50	9,81088,72552	2,48140	9,88224,64100	1,78658	9,92864,08452	4,26798	10,07135,91548	10	
19	0	9,81091,20692	2,48115	9,88222,85442	1,78675	9,92868,35250	4,26790	10,07131,64750	0	41
	10	9,81093,68807	2,48092	9,88221,06767	1,78693	9,92872,62040	4,26785	10,07127,37960	50	
	20	9,81096,16899	2,48067	9,88219,28074	1,78710	9,92876,88825	4,26777	10,07123,11175	40	
	30	9,81098,64966	2,48043	9,88217,49364	1,78728	9,92881,15602	4,26771	10,07118,84398	30	
	40	9,81101,13009	2,48018	9,88215,70636	1,78745	9,92885,42373	4,26763	10,07114,57627	20	
	50	9,81103,61027	2,47994	9,88213,91891	1,78763	9,92889,69136	4,26757	10,07110,30864	10	
20	0	9,81106,09021	2,47970	9,88212,13128	1,78781	9,92893,95893	4,26751	10,07106,04107	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
20	0	9,81106,09021		9,88212,13128		9,92893,95893		10,07106,04107	0	40
	10	9,81108,56991	2,47970	9,88210,34347	1,78781	9,92898,22644	4,26751	10,07101,77356	50	
	20	9,81111,04937	2,47946	9,88208,55548	1,78799	9,92902,49389	4,26745	10,07097,50611	40	
	30	9,81113,52858	2,47921	9,88206,76732	1,78816	9,92906,76126	4,26737	10,07093,23874	30	
	40	9,81116,00754	2,47896	9,88204,97899	1,78833	9,92911,02855	4,26729	10,07088,97145	20	
	50	9,81118,48625	2,47871	9,88203,19049	1,78850	9,92915,29576	4,26721	10,07084,70424	10	
21	0	9,81120,96473	2,47848	9,88201,40181	1,78868	9,92919,56292	4,26716	10,07080,43708	0	39
	10	9,81123,44296	2,47823	9,88199,61296	1,78885	9,92923,83000	4,26708	10,07076,17000	50	
	20	9,81125,92095	2,47799	9,88197,82393	1,78903	9,92928,09702	4,26702	10,07071,90298	40	
	30	9,81128,39869	2,47774	9,88196,03472	1,78921	9,92932,36397	4,26695	10,07067,63603	30	
	40	9,81130,87620	2,47751	9,88194,24533	1,78939	9,92936,63087	4,26690	10,07063,36913	20	
	50	9,81133,35347	2,47727	9,88192,45576	1,78957	9,92940,89771	4,26684	10,07059,10229	10	
22	0	9,81135,83048	2,47701	9,88190,66602	1,78974	9,92945,16446	4,26675	10,07054,83554	0	38
	10	9,81138,30726	2,47678	9,88188,87610	1,78992	9,92949,43116	4,26670	10,07050,56884	50	
	20	9,81140,78379	2,47653	9,88187,08601	1,79009	9,92953,69778	4,26662	10,07046,30222	40	
	30	9,81143,26008	2,47629	9,88185,29574	1,79027	9,92957,96434	4,26656	10,07042,03566	30	
	40	9,81145,73612	2,47604	9,88183,50530	1,79044	9,92962,23082	4,26648	10,07037,76918	20	
	50	9,81148,21191	2,47579	9,88181,71469	1,79061	9,92966,49722	4,26640	10,07033,50278	10	
23	0	9,81150,68747	2,47556	9,88179,92390	1,79079	9,92970,76357	4,26635	10,07029,23643	0	37
	10	9,81153,16278	2,47531	9,88178,13293	1,79097	9,92975,02985	4,26628	10,07024,97015	50	
	20	9,81155,63784	2,47506	9,88176,34179	1,79114	9,92979,29605	4,26620	10,07020,70395	40	
	30	9,81158,11267	2,47483	9,88174,55047	1,79132	9,92983,56220	4,26615	10,07016,43780	30	
	40	9,81160,58726	2,47459	9,88172,75897	1,79150	9,92987,82829	4,26609	10,07012,17171	20	
	50	9,81163,06160	2,47434	9,88170,96730	1,79167	9,92992,09430	4,26601	10,07007,90570	10	
24	0	9,81165,53569	2,47409	9,88169,17545	1,79185	9,92996,36024	4,26594	10,07003,63976	0	36
	10	9,81168,00955	2,47386	9,88167,38342	1,79203	9,93000,62613	4,26589	10,06999,37387	50	
	20	9,81170,48316	2,47361	9,88165,59122	1,79220	9,93004,89194	4,26581	10,06995,10806	40	
	30	9,81172,95654	2,47338	9,88163,79884	1,79238	9,93009,15770	4,26576	10,06990,84230	30	
	40	9,81175,42966	2,47312	9,88162,00629	1,79255	9,93013,42337	4,26567	10,06986,57663	20	
	50	9,81177,90254	2,47288	9,88160,21356	1,79273	9,93017,68898	4,26561	10,06982,31102	10	
25	0	9,81180,37518	2,47264	9,88158,42066	1,79290	9,93021,95452	4,26554	10,06978,04548	0	35
	10	9,81182,84757	2,47239	9,88156,62758	1,79308	9,93026,21999	4,26547	10,06973,78001	50	
	20	9,81185,31973	2,47216	9,88154,83432	1,79326	9,93030,48541	4,26542	10,06969,51459	40	
	30	9,81187,79165	2,47192	9,88153,04088	1,79344	9,93034,75077	4,26536	10,06965,24923	30	
	40	9,81190,26332	2,47167	9,88151,24727	1,79361	9,93039,01605	4,26528	10,06960,98395	20	
	50	9,81192,73475	2,47143	9,88149,45348	1,79379	9,93043,28127	4,26522	10,06956,71873	10	
26	0	9,81195,20593	2,47118	9,88147,65952	1,79396	9,93047,54641	4,26514	10,06952,45359	0	34
	10	9,81197,67687	2,47094	9,88145,86538	1,79414	9,93051,81149	4,26508	10,06948,18851	50	
	20	9,81200,14757	2,47070	9,88144,07106	1,79432	9,93056,07651	4,26502	10,06943,92349	40	
	30	9,81202,61803	2,47046	9,88142,27657	1,79449	9,93060,34146	4,26495	10,06939,65854	30	
	40	9,81205,08824	2,47021	9,88140,48191	1,79466	9,93064,60633	4,26487	10,06935,39367	20	
	50	9,81207,55821	2,46997	9,88138,68707	1,79484	9,93068,87114	4,26481	10,06931,12886	10	
27	0	9,81210,02793	2,46972	9,88136,89205	1,79502	9,93073,13588	4,26474	10,06926,86412	0	33
	10	9,81212,49741	2,46948	9,88135,09686	1,79519	9,93077,40055	4,26467	10,06922,59945	50	
	20	9,81214,96665	2,46924	9,88133,30149	1,79537	9,93081,66516	4,26461	10,06918,33484	40	
	30	9,81217,43566	2,46901	9,88131,50594	1,79555	9,93085,92972	4,26456	10,06914,07028	30	
	40	9,81219,90443	2,46877	9,88129,71021	1,79573	9,93090,19422	4,26450	10,06909,80578	20	
	50	9,81222,37294	2,46851	9,88127,91431	1,79590	9,93094,45863	4,26441	10,06905,54137	10	
28	0	9,81224,84121	2,46827	9,88126,11823	1,79608	9,93098,72298	4,26435	10,06901,27702	0	32
	10	9,81227,30924	2,46803	9,88124,32197	1,79626	9,93102,98727	4,26429	10,06897,01273	50	
	20	9,81229,77704	2,46780	9,88122,52553	1,79644	9,93107,25151	4,26424	10,06892,74849	40	
	30	9,81232,24459	2,46755	9,88120,72892	1,79661	9,93111,51567	4,26416	10,06888,48433	30	
	40	9,81234,71189	2,46730	9,88118,93214	1,79678	9,93115,77975	4,26408	10,06884,22025	20	
	50	9,81237,17895	2,46706	9,88117,13518	1,79696	9,93120,04377	4,26402	10,06879,95623	10	
29	0	9,81239,64577	2,46682	9,88115,33805	1,79713	9,93124,30772	4,26395	10,06875,69228	0	31
	10	9,81242,11235	2,46658	9,88113,54074	1,79731	9,93128,57161	4,26389	10,06871,42839	50	
	20	9,81244,57869	2,46634	9,88111,74325	1,79749	9,93132,83544	4,26383	10,06867,16456	40	
	30	9,81247,04478	2,46609	9,88109,94558	1,79767	9,93137,09920	4,26376	10,06862,90080	30	
	40	9,81249,51063	2,46585	9,88108,14774	1,79784	9,93141,36289	4,26369	10,06858,63711	20	
	50	9,81251,97624	2,46561	9,88106,34972	1,79802	9,93145,62652	4,26363	10,06854,37348	10	
30	0	9,81254,44160	2,46536	9,88104,55153	1,79819	9,93149,89007	4,26355	10,06850,10993	0	30
		Sin. Compl.	2,46512	SINVVM	1,79837	Tang.compl	4,26349	TANGEN.	S	M

40°

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,81254,44160		9,88104,55153		9,93149,89007		10,06850,10993	0	30
	10	9,81256,90672	2,46512	9,88102,75316	1,79837	9,93154,15356	4,26349	10,06845,84644	50	
	20	9,81259,37161	2,46489	9,88100,95461	1,79855	9,93158,41700	4,26344	10,06841,58300	40	
	30	9,81261,83625	2,46464	9,88099,15589	1,79872	9,93162,68036	4,26336	10,06837,31964	30	
	40	9,81264,30065	2,46440	9,88097,35699	1,79890	9,93166,94366	4,26330	10,06833,05634	20	
	50	9,81266,76481	2,46416	9,88095,55791	1,79908	9,93171,20690	4,26324	10,06828,79310	10	
31	0	9,81269,22872	2,46391	9,88093,75866	1,79925	9,93175,47006	4,26316	10,06824,52994	0	29
	10	9,81271,69239	2,46367	9,88091,95923	1,79943	9,93179,73316	4,26310	10,06820,26684	50	
	20	9,81274,15582	2,40343	9,88090,15962	1,79961	9,93183,99620	4,26304	10,06816,00380	40	
	30	9,81276,61902	2,46320	9,88088,35983	1,79979	9,93188,25919	4,26299	10,06811,74081	30	
	40	9,81279,08197	2,46295	9,88086,55987	1,79996	9,93192,52210	4,26291	10,06807,47790	20	
	50	9,81281,54468	2,46271	9,88084,75973	1,80014	9,93196,78495	4,26285	10,06803,21505	10	
32	0	9,81284,00714	2,46245	9,88082,95942	1,80031	9,93201,04772	4,26277	10,06798,95228	0	28
	10	9,81286,46936	2,46222	9,88081,15893	1,80049	9,93205,31043	4,26271	10,06794,68957	50	
	20	9,81288,93134	2,46198	9,88079,35826	1,80067	9,93209,57308	4,26265	10,06790,42692	40	
	30	9,81291,39308	2,46174	9,88077,55742	1,80084	9,93213,83566	4,26258	10,06786,16434	30	
	40	9,81293,85458	2,40150	9,88075,75640	1,80102	9,93218,09818	4,26252	10,06781,90182	20	
	50	9,81296,31584	2,46126	9,88073,95520	1,80120	9,93222,36064	4,26246	10,06777,63936	10	
33	0	9,81298,77684	2,46100	9,88072,15383	1,80137	9,93226,62301	4,26237	10,06773,37699	0	27
	10	9,81301,23761	2,46077	9,88070,35228	1,80155	9,93230,88533	4,26232	10,06769,11467	50	
	20	9,81303,69814	2,46053	9,88068,55055	1,80173	9,93235,14759	4,26226	10,06764,85241	40	
	30	9,81306,15844	2,46030	9,88066,74864	1,80191	9,93239,40980	4,26221	10,06760,59020	30	
	40	9,81308,61849	2,46005	9,88064,94656	1,80208	9,93243,67193	4,26213	10,06756,32807	20	
	50	9,81311,07830	2,45981	9,88063,14430	1,80226	9,93247,93400	4,26207	10,06752,06600	10	
34	0	9,81313,53786	2,45956	9,88061,34187	1,80243	9,93252,19599	4,26199	10,06747,80401	0	26
	10	9,81315,99718	2,45932	9,88059,53926	1,80261	9,93256,45792	4,26193	10,06743,54208	50	
	20	9,81318,45626	2,45908	9,88057,73647	1,80279	9,93260,71979	4,26187	10,06739,28021	40	
	30	9,81320,91511	2,45885	9,88055,93350	1,80297	9,93264,98161	4,26182	10,06735,01839	30	
	40	9,81323,37372	2,45861	9,88054,13035	1,80315	9,93269,24337	4,26176	10,06730,75663	20	
	50	9,81325,83208	2,45836	9,88052,32703	1,80332	9,93273,50505	4,26168	10,06726,49495	10	
35	0	9,81328,29020	2,45812	9,88050,52353	1,80350	9,93277,76667	4,26162	10,06722,23333	0	25
	10	9,81330,74807	2,45787	9,88048,71986	1,80367	9,93282,02821	4,26154	10,06717,97179	50	
	20	9,81333,20570	2,45763	9,88046,91601	1,80385	9,93286,28969	4,26148	10,06713,71031	40	
	30	9,81335,66310	2,45740	9,88045,11198	1,80403	9,93290,55112	4,26143	10,06709,44888	30	
	40	9,81338,12026	2,45716	9,88043,30777	1,80421	9,93294,81249	4,26137	10,06705,18751	20	
	50	9,81340,57717	2,45691	9,88041,50339	1,80438	9,93299,07378	4,26129	10,06700,92622	10	
36	0	9,81343,03384	2,45667	9,88039,69883	1,80456	9,93303,33501	4,26123	10,06696,66499	0	24
	10	9,81345,49027	2,45643	9,88037,89409	1,80474	9,93307,59618	4,26117	10,06692,40382	50	
	20	9,81347,94647	2,45620	9,88036,08917	1,80492	9,93311,85730	4,26112	10,06688,14270	40	
	30	9,81350,40242	2,45595	9,88034,28408	1,80509	9,93316,11834	4,26104	10,06683,88166	30	
	40	9,81352,85813	2,45571	9,88032,47881	1,80527	9,93320,37932	4,26098	10,06679,62068	20	
	50	9,81355,31359	2,45546	9,88030,67337	1,80544	9,93324,64022	4,26090	10,06675,35978	10	
37	0	9,81357,76882	2,45523	9,88028,86775	1,80562	9,93328,90107	4,26085	10,06671,09893	0	23
	10	9,81360,22380	2,45498	9,88027,06195	1,80580	9,93333,16185	4,26078	10,06666,83815	50	
	20	9,81362,67855	2,45475	9,88025,25597	1,80598	9,93337,42258	4,26073	10,06662,57742	40	
	30	9,81365,13306	2,45451	9,88023,44981	1,80616	9,93341,68325	4,26067	10,06658,31675	30	
	40	9,81367,58732	2,45426	9,88021,64348	1,80633	9,93345,94384	4,26059	10,06654,05616	20	
	50	9,81370,04133	2,45401	9,88019,83698	1,80650	9,93350,20435	4,26051	10,06649,79565	10	
38	0	9,81372,49511	2,45378	9,88018,03030	1,80668	9,93354,46481	4,26046	10,06645,53519	0	22
	10	9,81374,94865	2,45354	9,88016,22344	1,80686	9,93358,72521	4.26040	10,06641,27479	50	
	20	9,81377,40195	2,45330	9,88014,41640	1,80704	9,93362,98555	4,26034	10,06637,01445	40	
	30	9,81379,85501	2,45306	9,88012,60918	1,80722	9,93367,24583	4,26028	10,06632,75417	30	
	40	9,81382,30782	2,45281	9,88010,80179	1,80739	9,93371,50603	4,26020	10,06628,49397	20	
	50	9,81384,76040	2,45258	9,88008,99422	1,80757	9,93375,76618	4,26015	10,06624,23382	10	
39	0	9,81387,21274	2,45234	9,88007,18647	1,80775	9,93380,02627	4,26009	10,06619,97373	0	21
	10	9,81389,66484	2,45210	9,88005,37854	1,80793	9,93384,28630	4,26003	10,06615,71370	50	
	20	9,81392,11670	2,45186	9,88003,57043	1,80811	9,93388,54627	4,25997	10,06611,45373	40	
	30	9,81394,56832	2,45162	9,88001,76215	1,80828	9,93392,80617	4,25990	10,06607,19383	30	
	40	9,81397,01970	2,45138	9,87999,95369	1,80846	9,93397,06601	4,25984	10,06602,93399	20	
	50	9,81399,47083	2,45113	9,87998,14506	1,80863	9,93401,32577	4,25976	10,06598,67423	10	
40	0	9,81401,92172	2,45089	9,87996,33625	1,80881	9,93405,58547	4,25970	10,06594,41453	0	20
		Sin. Compl.	2,45065	SINVVM	1,80899	Tang.compl	4,25964	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,81401,92172	2,45065	9,87996,33625	1,80899	9,93405,58547	4,25964	10,06594,41453	0	20
	10	9,81404,37237	2,45041	9,87994,52726	1,80917	9,93409,84511	4,25958	10,06590,15489	50	
	20	9,81406,82278	2,45017	9,87992,71809	1,80934	9,93414,10469	4,25951	10,06585,89531	40	
	30	9,81409,27295	2,44993	9,87990,90875	1,80952	9,93418,36420	4,25945	10,06581,63580	30	
	40	9,81411,72288	2,44969	9,87989,09923	1,80970	9,93422,62365	4,25939	10,06577,37635	20	
	50	9,81414,17257	2,44946	9,87987,28953	1,80988	9,93426,88304	4,25934	10,06573,11696	10	
41	0	9,81416,62203	2,44922	9,87985,47965	1,81006	9,93431,14238	4,25928	10,06568,85762	0	19
	10	9,81419,07125	2,44898	9,87983,66959	1,81024	9,93435,40166	4,25922	10,06564,59834	50	
	20	9,81421,52023	2,44873	9,87981,85935	1,81041	9,93439,66088	4,25914	10,06560,33912	40	
	30	9,81423,96896	2,44849	9,87980,04894	1,81059	9,93443,92002	4,25908	10,06556,07998	30	
	40	9,81426,41745	2,44824	9,87978,23835	1,81076	9,93448,17910	4,25900	10,06551,82090	20	
	50	9,81428,86569	2,44801	9,87976,42759	1,81094	9,93452,43810	4,25895	10,06547,56190	10	
42	0	9,81431,31370	2,44777	9,87974,61665	1,81112	9,93456,69705	4,25889	10,06543,30295	0	18
	10	9,81433,76147	2,44753	9,87972,80553	1,81130	9,93460,95594	4,25883	10,06539,04406	50	
	20	9,81436,20900	2,44730	9,87970,99423	1,81148	9,93465,21477	4,25878	10,06534,78523	40	
	30	9,81438,65630	2,44706	9,87969,18275	1,81166	9,93469,47355	4,25872	10,06530,52645	30	
	40	9,81441,10336	2,44681	9,87967,37109	1,81183	9,93473,73227	4,25864	10,06526,26773	20	
	50	9,81443,55017	2,44657	9,87965,55926	1,81201	9,93477,99091	4,25858	10,06522,00909	10	
43	0	9,81445,99674	2,44634	9,87963,74725	1,81219	9,93482,24949	4,25853	10,06517,75051	0	17
	10	9,81448,44308	2,44610	9,87961,93506	1,81237	9,93486,50802	4,25847	10,06513,49198	50	
	20	9,81450,88918	2,44586	9,87960,12269	1,81255	9,93490,76649	4,25841	10,06509,23351	40	
	30	9,81453,33504	2,44561	9,87958,31014	1,81272	9,93495,02490	4,25833	10,06504,97510	30	
	40	9,81455,78065	2,44536	9,87956,49742	1,81289	9,93499,28323	4,25825	10,06500,71677	20	
	50	9,81458,22601	2,44513	9,87954,68453	1,81307	9,93503,54148	4,25820	10,06496,45852	10	
44	0	9,81460,67114	2,44489	9,87952,87146	1,81325	9,93507,79968	4,25814	10,06492,20032	0	16
	10	9,81463,11603	2,44465	9,87951,05821	1,81343	9,93512,05782	4,25808	10,06487,94218	50	
	20	9,81465,56068	2,44442	9,87949,24478	1,81361	9,93516,31590	4,25803	10,06483,68410	40	
	30	9,81468,00510	2,44418	9,87947,43117	1,81379	9,93520,57393	4,25797	10,06479,42607	30	
	40	9,81470,44928	2,44393	9,87945,61738	1,81396	9,93524,83190	4,25789	10,06475,16810	20	
	50	9,81472,89321	2,44369	9,87943,80342	1,81414	9,93529,08979	4,25783	10,06470,91021	10	
45	0	9,81475,33690	2,44345	9,87941,98928	1,81432	9,93533,34762	4,25777	10,06466,65238	0	15
	10	9,81477,78035	2,44322	9,87940,17496	1,81450	9,93537,60539	4,25772	10,06462,39461	50	
	20	9,81480,22357	2,44298	9,87938,36046	1,81468	9,93541,86311	4,25766	10,06458,13689	40	
	30	9,81482,66655	2,44273	9,87936,54578	1,81485	9,93546,12077	4,25758	10,06453,87923	30	
	40	9,81485,10928	2,44250	9,87934,73093	1,81503	9,93550,37835	4,25753	10,06449,62165	20	
	50	9,81487,55178	2,44226	9,87932,91590	1,81521	9,93554,63588	4,25747	10,06445,36412	10	
46	0	9,81489,99404	2,44202	9,87931,10069	1,81539	9,93558,89335	4,25741	10,06441,10665	0	14
	10	9,81492,43606	2,44178	9,87929,28530	1,81557	9,93563,15076	4,25735	10,06436,84924	50	
	20	9,81494,87784	2,44154	9,87927,46973	1,81574	9,93567,40811	4,25728	10,06432,59189	40	
	30	9,81497,31938	2,44130	9,87925,65399	1,81592	9,93571,66539	4,25722	10,06428,33461	30	
	40	9,81499,76068	2,44106	9,87923,83807	1,81610	9,93575,92261	4,25716	10,06424,07739	20	
	50	9,81502,20174	2,44083	9,87922,02197	1,81628	9,93580,17977	4,25711	10,06419,82023	10	
47	0	9,81504,64257	2,44059	9,87920,20569	1,81646	9,93584,43688	4,25705	10,06415,56312	0	13
	10	9,81507,08316	2,44034	9,87918,38923	1,81663	9,93588,69393	4,25697	10,06411,30607	50	
	20	9,81509,52350	2,44010	9,87916,57260	1,81681	9,93592,95090	4,25691	10,06407,04910	40	
	30	9,81511,96360	2,43986	9,87914,75579	1,81699	9,93597,20781	4,25685	10,06402,79219	30	
	40	9,81514,40346	2,43963	9,87912,93880	1,81717	9,93601,46466	4,25680	10,06398,53534	20	
	50	9,81516,84309	2,43938	9,87911,12163	1,81734	9,93605,72146	4,25672	10,06394,27854	10	
48	0	9,81519,28247	2,43914	9,87909,30429	1,81752	9,93609,97818	4,25666	10,06390,02182	0	12
	10	9,81521,72161	2,43891	9,87907,48677	1,81770	9,93614,23484	4,25661	10,06385,76516	50	
	20	9,81524,16052	2,43867	9,87905,66907	1,81788	9,93618,49145	4,25655	10,06381,50855	40	
	30	9,81526,59919	2,43843	9,87903,85119	1,81806	9,93622,74800	4,25649	10,06377,25200	30	
	40	9,81529,03762	2,43819	9,87902,03313	1,81824	9,93627,00449	4,25643	10,06372,99551	20	
	50	9,81531,47581	2,43796	9,87900,21489	1,81842	9,93631,26092	4,25638	10,06368,73908	10	
49	0	9,81533,91377	2,43772	9,87898,39647	1,81860	9,93635,51730	4,25632	10,06364,48270	0	11
	10	9,81536,35149	2,43747	9,87896,57787	1,81877	9,93639,77362	4,25624	10,06360,22638	50	
	20	9,81538,78896	2,43724	9,87894,75910	1,81895	9,93644,02986	4,25619	10,06355,97014	40	
	30	9,81541,22620	2,43700	9,87892,94015	1,81913	9,93648,28605	4,25613	10,06351,71395	30	
	40	9,81543,66320	2,43675	9,87891,12102	1,81930	9,93652,54218	4,25605	10,06347,45782	20	
	50	9,81546,09995	2,43652	9,87889,30172	1,81948	9,93656,79823	4,25600	10,06343,20177	10	
50	0	9,81548,53647	2,43628	9,87887,48224	1,81966	9,93661,05423	4,25594	10,06338,94577	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
50	0	9,81548,53647	2,43628	9,87887,48224	1,81966	9,93661,05423	4,25594	10,06338,94577	0	10
	10	9,81550,97275	2,43604	9,87885,66258	1,81984	9,93665,31017	4,25588	10,06334,68983	50	
	20	9,81553,40879	2,43580	9,87883,84274	1,82002	9,93669,56605	4,25582	10,06330,43395	40	
	30	9,81555,84459	2,43557	9,87882,02272	1,82020	9,93673,82187	4,25577	10,06326,17813	30	
	40	9,81558,28016	2,43533	9,87880,20252	1,82038	9,93678,07764	4,25571	10,06321,92236	20	
	50	9,81560,71549	2,43509	9,87878,38214	1,82056	9,93682,33335	4,25565	10,06317,66665	10	
51	0	9,81563,15058	2,43485	9,87876,56158	1,82074	9,93686,58900	4,25559	10,06313,41100	0	9
	10	9,81565,58543	2,43462	9,87874,74084	1,82092	9,93690,84459	4,25554	10,06309,15541	50	
	20	9,81568,02005	2,43437	9,87872,91992	1,82109	9,93695,10013	4,25546	10,06304,89987	40	
	30	9,81570,45442	2,43414	9,87871,09883	1,82127	9,93699,35559	4,25541	10,06300,64441	30	
	40	9,81572,88856	2,43389	9,87869,27756	1,82144	9,93703,61100	4,25533	10,06296,38900	20	
	50	9,81575,32245	2,43365	9,87867,45612	1,82162	9,93707,86633	4,25527	10,06292,13367	10	
52	0	9,81577,75610	2,43341	9,87865,63450	1,82180	9,93712,12160	4,25521	10,06287,87840	0	8
	10	9,81580,18951	2,43318	9,87863,81270	1,82198	9,93716,37681	4,25516	10,06283,62319	50	
	20	9,81582,62269	2,43294	9,87861,99072	1,82216	9,93720,63197	4,25510	10,06279,36803	40	
	30	9,81585,05563	2,43270	9,87860,16856	1,82234	9,93724,88707	4,25504	10,06275,11293	30	
	40	9,81587,48833	2,43246	9,87858,34622	1,82252	9,93729,14211	4,25498	10,06270,85789	20	
	50	9,81589,92079	2,43223	9,87856,52370	1,82270	9,93733,39709	4,25493	10,06266,60291	10	
53	0	9,81592,35302	2,43199	9,87854,70100	1,82288	9,93737,65202	4,25487	10,06262,34798	0	7
	10	9,81594,78501	2,43176	9,87852,87812	1,82306	9,93741,90689	4,25482	10,06258,09311	50	
	20	9,81597,21677	2,43151	9,87851,05506	1,82323	9,93746,16171	4,25474	10,06253,83829	40	
	30	9,81599,64828	2,43127	9,87849,23183	1,82341	9,93750,41645	4,25468	10,06249,58355	30	
	40	9,81602,07955	2,43104	9,87847,40842	1,82359	9,93754,67113	4,25463	10,06245,32887	20	
	50	9,81604,51059	2,43080	9,87845,58483	1,82377	9,93758,92576	4,25457	10,06241,07424	10	
54	0	9,81606,94139	2,43056	9,87843,76106	1,82395	9,93763,18033	4,25451	10,06236,81967	0	6
	10	9,81609,37195	2,43032	9,87841,93711	1,82413	9,93767,43484	4,25445	10,06232,56516	50	
	20	9,81611,80227	2,43008	9,87840,11298	1,82430	9,93771,68929	4,25438	10,06228,31071	40	
	30	9,81614,23235	2,42984	9,87838,28868	1,82448	9,93775,94367	4,25432	10,06224,05633	30	
	40	9,81616,66219	2,42960	9,87836,46420	1,82466	9,93780,19799	4,25426	10,06219,80201	20	
	50	9,81619,09179	2,42937	9,87834,63954	1,82484	9,93784,45225	4,25421	10,06215,54775	10	
55	0	9,81621,52116	2,42913	9,87832,81470	1,82502	9,93788,70646	4,25415	10,06211,29354	0	5
	10	9,81623,95029	2,42890	9,87830,98968	1,82520	9,93792,96061	4,25410	10,06207,03939	50	
	20	9,81626,37919	2,42866	9,87829,16448	1,82538	9,93797,21471	4,25404	10,06202,78529	40	
	30	9,81628,80785	2,42841	9,87827,33910	1,82555	9,93801,46875	4,25396	10,06198,53125	30	
	40	9,81631,23626	2,42817	9,87825,51355	1,82573	9,93805,72271	4,25390	10,06194,27729	20	
	50	9,81633,66443	2,42794	9,87823,68782	1,82591	9,93809,97661	4,25385	10,06190,02339	10	
56	0	9,81636,09237	2,42770	9,87821,86191	1,82609	9,93814,23046	4,25379	10,06185,76954	0	4
	10	9,81638,52007	2,42746	9,87820,03582	1,82627	9,93818,48425	4,25373	10,06181,51575	50	
	20	9,81640,94753	2,42723	9,87818,20955	1,82645	9,93822,73798	4,25368	10,06177,26202	40	
	30	9,81643,37476	2,42699	9,87816,38310	1,82663	9,93826,99166	4,25362	10,06173,00834	30	
	40	9,81645,80175	2,42675	9,87814,55647	1,82681	9,93831,24528	4,25356	10,06168,75472	20	
	50	9,81648,22850	2,42652	9,87812,72966	1,82699	9,93835,49884	4,25351	10,06164,50116	10	
57	0	9,81650,65502	2,42628	9,87810,90267	1,82717	9,93839,75235	4,25345	10,06160,24765	0	3
	10	9,81653,08130	2,42605	9,87809,07550	1,82735	9,93844,00580	4,25340	10,06155,99420	50	
	20	9,81655,50735	2,42580	9,87807,24815	1,82752	9,93848,25920	4,25332	10,06151,74080	40	
	30	9,81657,93315	2,42556	9,87805,42063	1,82770	9,93852,51252	4,25326	10,06147,48748	30	
	40	9,81660,35871	2,42532	9,87803,59293	1,82788	9,93856,76578	4,25320	10,06143,23422	20	
	50	9,81662,78403	2,42509	9,87801,76505	1,82806	9,93861,01898	4,25315	10,06138,98102	10	
58	0	9,81665,20912	2,42484	9,87799,93699	1,82823	9,93865,27213	4,25307	10,06134,72787	0	2
	10	9,81667,63396	2,42461	9,87798,10876	1,82841	9,93869,52520	4,25302	10,06130,47480	50	
	20	9,81670,05857	2,42438	9,87796,28035	1,82860	9,93873,77822	4,25298	10,06126,22178	40	
	30	9,81672,48295	2,42414	9,87794,45175	1,82878	9,93878,03120	4,25292	10,06121,96880	30	
	40	9,81674,90709	2,42391	9,87792,62297	1,82896	9,93882,28412	4,25287	10,06117,71588	20	
	50	9,81677,33100	2,42367	9,87790,79401	1,82914	9,93886,53699	4,25281	10,06113,46301	10	
59	0	9,81679,75467	2,42343	9,87788,96487	1,82932	9,93890,78980	4,25275	10,06109,21020	0	1
	10	9,81682,17810	2,42320	9,87787,13555	1,82950	9,93895,04255	4,25270	10,06104,95745	50	
	20	9,81684,60130	2,42295	9,87785,30605	1,82967	9,93899,29525	4,25262	10,06100,70475	40	
	30	9,81687,02425	2,42271	9,87783,47638	1,82985	9,93903,54787	4,25256	10,06096,45213	30	
	40	9,81689,44696	2,42248	9,87781,64653	1,83003	9,93907,80043	4,25251	10,06092,19957	20	
	50	9,81691,86944	2,42224	9,87779,81650	1,83021	9,93912,05294	4,25245	10,06087,94706	10	
60	0	9,81694,29168		9,87777,98629		9,93916,30539		10,06083,69461	0	0
		Sin. Compl.	2,42199	SINVVM	1,83038	Tang.compl	4,25237	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,81694,29168		9,87777,98629		9,93916,30539		10,06083,69461	0	60
	10	9,81696,71367	2,42199	9,87776,15591	1,83038	9,93920,55776	4,25237	10,06079,44224	50	
	20	9,81699,13544	2,42177	9,87774,32534	1,83057	9,93924,81010	4,25234	10,06075,18990	40	
	30	9,81701,55697	2,42153	9,87772,49459	1,83075	9,93929,06238	4,25228	10,06070,93762	30	
	40	9,81703,97826	2,42129	9,87770,66366	1,83093	9,93933,31460	4,25222	10,06066,68540	20	
	50	9,81706,39932	2,42106	9,87768,83255	1,83111	9,93937,56677	4,25217	10,06062,43323	10	
1	0	9,81708,82015	2,42083	9,87767,00126	1,83129	9,93941,81889	4,25212	10,06058,18111	0	59
	10	9,81711,24074	2,42059	9,87765,16979	1,83147	9,93946,07095	4,25206	10,06053,92905	50	
	20	9,81713,66109	2,42035	9,87763,33814	1,83165	9,93950,32295	4,25200	10,06049,67705	40	
	30	9,81716,08119	2,42010	9,87761,50632	1,83182	9,93954,57487	4,25192	10,06045,42513	30	
	40	9,81718,50106	2,41987	9,87759,67432	1,83200	9,93958,82674	4,25187	10,06041,17326	20	
	50	9,81720,92069	2,41963	9,87757,84214	1,83218	9,93963,07855	4,25181	10,06036,92145	10	
2	0	9,81723,34009	2,41940	9,87756,00978	1,83236	9,93967,33031	4,25176	10,06032,66969	0	58
	10	9,81725,75924	2,41915	9,87754,17725	1,83253	9,93971,58199	4,25168	10,06028,41801	50	
	20	9,81728,17816	2,41892	9,87752,34453	1,83272	9,93975,83363	4,25164	10,06024,16637	40	
	30	9,81730,59685	2,41869	9,87750,51163	1,83290	9,93980,08522	4,25159	10,06019,91478	30	
	40	9,81733,01530	2,41845	9,87748,67855	1,83308	9,93984,33675	4,25153	10,06015,66325	20	
	50	9,81735,43351	2,41821	9,87746,84529	1,83326	9,93988,58822	4,25147	10,06011,41178	10	
3	0	9,81737,85149	2,41798	9,87745,01185	1,83344	9,93992,83964	4,25142	10,06007,16036	0	57
	10	9,81740,26923	2,41774	9,87743,17823	1,83362	9,93997,09100	4,25136	10,06002,90900	50	
	20	9,81742,68673	2,41750	9,87741,34443	1,83380	9,94001,34230	4,25130	10,05998,65770	40	
	30	9,81745,10400	2,41727	9,87739,51045	1,83398	9,94005,59355	4,25125	10,05994,40645	30	
	40	9,81747,52103	2,41703	9,87737,67629	1,83416	9,94009,84474	4,25119	10,05990,15526	20	
	50	9,81749,93782	2,41679	9,87735,84196	1,83433	9,94014,09586	4,25112	10,05985,90414	10	
4	0	9,81752,35438	2,41656	9,87734,00745	1,83451	9,94018,34693	4,25107	10,05981,65307	0	56
	10	9,81754,77069	2,41631	9,87732,17276	1,83469	9,94022,59793	4,25100	10,05977,40207	50	
	20	9,81757,18677	2,41608	9,87730,33789	1,83487	9,94026,84888	4,25095	10,05973,15112	40	
	30	9,81759,60261	2,41584	9,87728,50284	1,83505	9,94031,09977	4,25089	10,05968,90023	30	
	40	9,81762,01823	2,41562	9,87726,66760	1,83524	9,94035,35063	4,25086	10,05964,64937	20	
	50	9,81764,43361	2,41538	9,87724,83218	1,83542	9,94039,60143	4,25080	10,05960,39857	10	
5	0	9,81766,84875	2,41514	9,87722,99658	1,83560	9,94043,85217	4,25074	10,05956,14783	0	55
	10	9,81769,26366	2,41491	9,87721,16080	1,83578	9,94048,10286	4,25069	10,05951,89714	50	
	20	9,81771,67833	2,41467	9,87719,32484	1,83596	9,94052,35349	4,25063	10,05947,64651	40	
	30	9,81774,09276	2,41443	9,87717,48871	1,83613	9,94056,60405	4,25056	10,05943,39595	30	
	40	9,81776,50695	2,41419	9,87715,65240	1,83631	9,94060,85455	4,25050	10,05939,14545	20	
	50	9,81778,92090	2,41395	9,87713,81591	1,83649	9,94065,10499	4,25044	10,05934,89501	10	
6	0	9,81781,33462	2,41372	9,87711,97924	1,83667	9,94069,35538	4,25039	10,05930,64462	0	54
	10	9,81783,74810	2,41348	9,87710,14239	1,83685	9,94073,60571	4,25033	10,05926,39429	50	
	20	9,81786,16135	2,41325	9,87708,30536	1,83703	9,94077,85599	4,25028	10,05922,14401	40	
	30	9,81788,57436	2,41301	9,87706,46815	1,83721	9,94082,10621	4,25022	10,05917,89379	30	
	40	9,81790,98713	2,41277	9,87704,63076	1,83739	9,94086,35637	4,25016	10,05913,64363	20	
	50	9,81793,39967	2,41254	9,87702,79319	1,83757	9,94090,60648	4,25011	10,05909,39352	10	
7	0	9,81795,81198	2,41231	9,87700,95544	1,83775	9,94094,85654	4,25006	10,05905,14346	0	53
	10	9,81798,22404	2,41206	9,87699,11752	1,83792	9,94099,10652	4,24998	10,05900,89348	50	
	20	9,81800,63587	2,41183	9,87697,27941	1,83811	9,94103,35646	4,24994	10,05896,64354	40	
	30	9,81803,04746	2,41159	9,87695,44112	1,83829	9,94107,60634	4,24988	10,05892,39366	30	
	40	9,81805,45882	2,41136	9,87693,60265	1,83847	9,94111,85617	4,24983	10,05888,14383	20	
	50	9,81807,86994	2,41112	9,87691,76400	1,83865	9,94116,10594	4,24977	10,05883,89406	10	
8	0	9,81810,28083	2,41089	9,87689,92517	1,83883	9,94120,35566	4,24972	10,05879,64434	0	52
	10	9,81812,69148	2,41065	9,87688,08616	1,83901	9,94124,60532	4,24966	10,05875,39468	50	
	20	9,81815,10190	2,41042	9,87686,24697	1,83919	9,94128,85493	4,24961	10,05871,14507	40	
	30	9,81817,51208	2,41018	9,87684,40760	1,83937	9,94133,10448	4,24955	10,05866,89552	30	
	40	9,81819,92203	2,40995	9,87682,56805	1,83955	9,94137,35398	4,24950	10,05862,64602	20	
	50	9,81822,33174	2,40971	9,87680,72832	1,83973	9,94141,60342	4,24944	10,05858,39658	10	
9	0	9,81824,74121	2,40947	9,87678,88841	1,83991	9,94145,85280	4,24938	10,05854,14720	0	51
	10	9,81827,15045	2,40924	9,87677,04832	1,84009	9,94150,10213	4,24933	10,05849,89787	50	
	20	9,81829,55945	2,40900	9,87675,20805	1,84027	9,94154,35140	4,24927	10,05845,64860	40	
	30	9,81831,96821	2,40876	9,87673,36760	1,84045	9,94158,60061	4,24921	10,05841,39934	30	
	40	9,81834,37674	2,40853	9,87671,52697	1,84063	9,94162,84977	4,24916	10,05837,15023	20	
	50	9,81836,78503	2,40829	9,87669,68616	1,84081	9,94167,09887	4,24910	10,05832,90113	10	
10	0	9,81839,19309	2,40806	9,87667,84517	1,84099	9,94171,34792	4,24905	10,05828,65208	0	50
		Sin. Compl.	2,40782	SINVVM	1,84117	Tang. compl.	4,24899	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
41										
10	0	9,81839,19309	2,40782	9,87667,84517	1,84117	9,94171,34792	4,24899	10,05828,65208	0	50
	10	9,81841,60091	2,40759	9,87666,00400	1,84135	9,94175,59691	4,24894	10,05824,40309	50	
	20	9,81844,00850	2,40735	9,87664,16265	1,84153	9,94179,84585	4,24888	10,05820,15415	40	
	30	9,81846,41585	2,40711	9,87662,32112	1,84171	9,94184,09473	4,24882	10,05815,90527	30	
	40	9,81848,82296	2,40688	9,87660,47941	1,84189	9,94188,34355	4,24877	10,05811,65645	20	
	50	9,81851,22984	2,40665	9,87658,63752	1,84207	9,94192,59232	4,24872	10,05807,40768	10	
11	0	9,81853,63649	2,40641	9,87656,79545	1,84225	9,94196,84104	4,24866	10,05803,15896	0	49
	10	9,81856,04290	2,40617	9,87654,95320	1,84243	9,94201,08970	4,24860	10,05798,91030	50	
	20	9,81858,44907	2,40594	9,87653,11077	1,84261	9,94205,33830	4,24855	10,05794,66170	40	
	30	9,81860,85501	2,40570	9,87651,26816	1,84279	9,94209,58685	4,24849	10,05790,41315	30	
	40	9,81863,26071	2,40546	9,87649,42537	1,84297	9,94213,83534	4,24843	10,05786,16466	20	
	50	9,81865,66617	2,40524	9,87647,58240	1,84316	9,94218,08377	4,24840	10,05781,91623	10	
12	0	9,81868,07141	2,40500	9,87645,73924	1,84334	9,94222,33217	4,24834	10,05777,66783	0	48
	10	9,81870,47641	2,40477	9,87643,89590	1,84352	9,94226,58051	4,24829	10,05773,41949	50	
	20	9,81872,88118	2,40453	9,87642,05238	1,84369	9,94230,82880	4,24822	10,05769,17120	40	
	30	9,81875,28571	2,40429	9,87640,20869	1,84387	9,94235,07702	4,24816	10,05764,92298	30	
	40	9,81877,69000	2,40405	9,87638,36482	1,84405	9,94239,32518	4,24810	10,05760,67482	20	
	50	9,81880,09405	2,40383	9,87636,52077	1,84424	9,94243,57328	4,24807	10,05756,42672	10	
13	0	9,81882,49788	2,40359	9,87634,67653	1,84442	9,94247,82135	4,24801	10,05752,17865	0	47
	10	9,81884,90147	2,40336	9,87632,83211	1,84460	9,94252,06936	4,24796	10,05747,93064	50	
	20	9,81887,30483	2,40312	9,87630,98751	1,84478	9,94256,31732	4,24790	10,05743,68268	40	
	30	9,81889,70795	2,40287	9,87629,14273	1,84495	9,94260,56522	4,24782	10,05739,43478	30	
	40	9,81892,11082	2,40264	9,87627,29778	1,84513	9,94264,81304	4,24777	10,05735,18696	20	
	50	9,81894,51346	2,40240	9,87625,45265	1,84531	9,94269,06081	4,24771	10,05730,93919	10	
14	0	9,81896,91586	2,40217	9,87623,60734	1,84549	9,94273,30852	4,24766	10,05726,69148	0	46
	10	9,81899,31803	2,40194	9,87621,76185	1,84568	9,94277,55618	4,24762	10,05722,44382	50	
	20	9,81901,71997	2,40171	9,87619,91617	1,84586	9,94281,80380	4,24757	10,05718,19620	40	
	30	9,81904,12168	2,40147	9,87618,07031	1,84604	9,94286,05137	4,24751	10,05713,94863	30	
	40	9,81906,52315	2,40124	9,87616,22427	1,84622	9,94290,29888	4,24746	10,05709,70112	20	
	50	9,81908,92439	2,40100	9,87614,37805	1,84640	9,94294,54634	4,24740	10,05705,45366	10	
15	0	9,81911,32539	2,40078	9,87612,53165	1,84659	9,94298,79374	4,24737	10,05701,20626	0	45
	10	9,81913,72617	2,40054	9,87610,68506	1,84677	9,94303,04111	4,24731	10,05696,95889	50	
	20	9,81916,12671	2,40030	9,87608,83829	1,84694	9,94307,28842	4,24724	10,05692,71158	40	
	30	9,81918,52701	2,40006	9,87606,99135	1,84712	9,94311,53566	4,24718	10,05688,46434	30	
	40	9,81920,92707	2,39982	9,87605,14423	1,84730	9,94315,78284	4,24712	10,05684,21716	20	
	50	9,81923,32689	2,39959	9,87603,29693	1,84748	9,94320,02996	4,24707	10,05679,97004	10	
16	0	9,81925,72648	2,39936	9,87601,44945	1,84766	9,94324,27703	4,24702	10,05675,72297	0	44
	10	9,81928,12584	2,39912	9,87599,60179	1,84784	9,94328,52405	4,24696	10,05671,47595	50	
	20	9,81930,52496	2,39889	9,87597,75395	1,84803	9,94332,77101	4,24692	10,05667,22899	40	
	30	9,81932,92385	2,39866	9,87595,90592	1,84821	9,94337,01793	4,24687	10,05662,98207	30	
	40	9,81935,32251	2,39842	9,87594,05771	1,84839	9,94341,26480	4,24681	10,05658,73520	20	
	50	9,81937,72093	2,39819	9,87592,20932	1,84857	9,94345,51161	4,24676	10,05654,48839	10	
17	0	9,81940,11912	2,39796	9,87590,36075	1,84876	9,94349,75837	4,24672	10,05650,24163	0	43
	10	9,81942,51708	2,39772	9,87588,51199	1,84893	9,94354,00509	4,24665	10,05645,99491	50	
	20	9,81944,91480	2,39748	9,87586,66306	1,84911	9,94358,25174	4,24659	10,05641,74826	40	
	30	9,81947,31228	2,39725	9,87584,81395	1,84929	9,94362,49833	4,24654	10,05637,50167	30	
	40	9,81949,70953	2,39701	9,87582,96466	1,84947	9,94366,74487	4,24648	10,05633,25513	20	
	50	9,81952,10654	2,39677	9,87581,11519	1,84965	9,94370,99135	4,24642	10,05629,00865	10	
18	0	9,81954,50331	2,39655	9,87579,26554	1,84983	9,94375,23777	4,24638	10,05624,76223	0	42
	10	9,81956,89986	2,39630	9,87577,41571	1,85001	9,94379,48415	4,24631	10,05620,51585	50	
	20	9,81959,29616	2,39607	9,87575,56570	1,85019	9,94383,73046	4,24626	10,05616,26954	40	
	30	9,81961,69223	2,39584	9,87573,71551	1,85038	9,94387,97672	4,24622	10,05612,02328	30	
	40	9,81964,08807	2,39561	9,87571,86513	1,85056	9,94392,22294	4,24617	10,05607,77706	20	
	50	9,81966,48368	2,39538	9,87570,01457	1,85074	9,94396,46911	4,24612	10,05603,53089	10	
19	0	9,81968,87906	2,39514	9,87568,16383	1,85092	9,94400,71523	4,24606	10,05599,28477	0	41
	10	9,81971,27420	2,39490	9,87566,31291	1,85110	9,94404,96129	4,24600	10,05595,03871	50	
	20	9,81973,66910	2,39467	9,87564,46181	1,85128	9,94409,20729	4,24595	10,05590,79271	40	
	30	9,81976,06377	2,39444	9,87562,61053	1,85146	9,94413,45324	4,24590	10,05586,54676	30	
	40	9,81978,45821	2,39420	9,87560,75907	1,85164	9,94417,69914	4,24584	10,05582,30086	20	
	50	9,81980,85241	2,39397	9,87558,90743	1,85183	9,94421,94498	4,24580	10,05578,05502	10	
20	0	9,81983,24638	2,39374	9,87557,05560	1,85201	9,94426,19078	4,24575	10,05573,80922	0	40
		Sin. Compl.		SINVVM		Tang.compl.		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,81983,24638	2,39374	9,87557,05560	1,85201	9,94426,19078	4,24575	10,05573,80922	0	40
	10	9,81985,64012	2,39350	9,87555,20359	1,85219	9,94430,43653	4,24569	10,05569,56347	50	
	20	9,81988,03362	2,39327	9,87553,35140	1,85237	9,94434,68222	4,24564	10,05565,31778	40	
	30	9,81990,42689	2,39303	9,87551,49903	1,85255	9,94438,92786	4,24558	10,05561,07214	30	
	40	9,81992,81992	2,39280	9,87549,64648	1,85273	9,94443,17344	4,24553	10,05556,82656	20	
	50	9,81995,21272	2,39257	9,87547,79375	1,85291	9,94447,41897	4,24548	10,05552,58103	10	
21	0	9,81997,60529	2,39233	9,87545,94084	1,85309	9,94451,66445	4,24542	10,05548,33555	0	39
	10	9,81999,99762	2,39209	9,87544,08775	1,85327	9,94455,90987	4,24536	10,05544,09013	50	
	20	9,82002,38971	2,39186	9,87542,23448	1,85345	9,94460,15523	4,24531	10,05539,84477	40	
	30	9,82004,78157	2,39163	9,87540,38103	1,85364	9,94464,40054	4,24527	10,05535,59946	30	
	40	9,82007,17320	2,39140	9,87538,52739	1,85382	9,94468,64581	4,24522	10,05531,35419	20	
	50	9,82009,56460	2,39116	9,87536,67357	1,85400	9,94472,89103	4,24516	10,05527,10897	10	
22	0	9,82011,95576	2,39093	9,87534,81957	1,85418	9,94477,13619	4,24511	10,05522,86381	0	38
	10	9,82014,34669	2,39069	9,87532,96539	1,85436	9,94481,38130	4,24505	10,05518,61870	50	
	20	9,82016,73738	2,39046	9,87531,11103	1,85454	9,94485,62635	4,24500	10,05514,37365	40	
	30	9,82019,12784	2,39022	9,87529,25649	1,85472	9,94489,87135	4,24494	10,05510,12865	30	
	40	9,82021,51806	2,38999	9,87527,40177	1,85490	9,94494,11629	4,24489	10,05505,88371	20	
	50	9,82023,90805	2,38977	9,87525,54687	1,85509	9,94498,36118	4,24486	10,05501,63882	10	
23	0	9,82026,29782	2,38954	9,87523,69178	1,85528	9,94502,60604	4,24482	10,05497,39396	0	37
	10	9,82028,68736	2,38930	9,87521,83650	1,85545	9,94506,85086	4,24475	10,05493,14914	50	
	20	9,82031,07666	2,38906	9,87519,98105	1,85563	9,94511,09561	4,24469	10,05488,90439	40	
	30	9,82033,46572	2,38883	9,87518,12542	1,85581	9,94515,34030	4,24464	10,05484,65970	30	
	40	9,82035,85455	2,38859	9,87516,26961	1,85599	9,94519,58494	4,24458	10,05480,41506	20	
	50	9,82038,24314	2,38835	9,87514,41362	1,85617	9,94523,82952	4,24452	10,05476,17048	10	
24	0	9,82040,63149	2,38812	9,87512,55745	1,85635	9,94528,07404	4,24447	10,05471,92596	0	36
	10	9,82043,01961	2,38790	9,87510,70110	1,85654	9,94532,31851	4,24444	10,05467,68149	50	
	20	9,82045,40751	2,38766	9,87508,84456	1,85672	9,94536,56295	4,24438	10,05463,43705	40	
	30	9,82047,79517	2,38743	9,87506,98784	1,85690	9,94540,80733	4,24433	10,05459,19267	30	
	40	9,82050,18260	2,38718	9,87505,13094	1,85708	9,94545,05166	4,24426	10,05454,94834	20	
	50	9,82052,56978	2,38696	9,87503,27386	1,85726	9,94549,29592	4,24422	10,05450,70408	10	
25	0	9,82054,95674	2,38672	9,87501,41660	1,85744	9,94553,54014	4,24416	10,05446,45986	0	35
	10	9,82057,34346	2,38650	9,87499,55916	1,85763	9,94557,78430	4,24413	10,05442,21570	50	
	20	9,82059,72996	2,38626	9,87497,70153	1,85781	9,94562,02843	4,24407	10,05437,97157	40	
	30	9,82062,11622	2,38603	9,87495,84372	1,85799	9,94566,27250	4,24402	10,05433,72750	30	
	40	9,82064,50225	2,38579	9,87493,98573	1,85817	9,94570,51652	4,24396	10,05429,48348	20	
	50	9,82066,88804	2,38556	9,87492,12756	1,85835	9,94574,76048	4,24391	10,05425,23952	10	
26	0	9,82069,27360	2,38532	9,87490,26921	1,85853	9,94579,00439	4,24385	10,05420,99561	0	34
	10	9,82071,65892	2,38510	9,87488,41068	1,85872	9,94583,24824	4,24382	10,05416,75176	50	
	20	9,82074,04402	2,38486	9,87486,55196	1,85890	9,94587,49206	4,24376	10,05412,50794	40	
	30	9,82076,42888	2,38463	9,87484,69306	1,85908	9,94591,73582	4,24371	10,05408,26418	30	
	40	9,82078,81351	2,38440	9,87482,83398	1,85926	9,94595,97953	4,24366	10,05404,02047	20	
	50	9,82081,19791	2,38416	9,87480,97472	1,85944	9,94600,22319	4,24360	10,05399,77681	10	
27	0	9,82083,58207	2,38392	9,87479,11528	1,85962	9,94604,46679	4,24354	10,05395,53321	0	33
	10	9,82085,96599	2,38370	9,87477,25566	1,85981	9,94608,71033	4,24351	10,05391,28967	50	
	20	9,82088,34969	2,38347	9,87475,39585	1,85999	9,94612,95384	4,24346	10,05387,04616	40	
	30	9,82090,73316	2,38323	9,87473,53586	1,86017	9,94617,19730	4,24340	10,05382,80270	30	
	40	9,82093,11639	2,38300	9,87471,67569	1,86035	9,94621,44070	4,24335	10,05378,55930	20	
	50	9,82095,49939	2,38276	9,87469,81534	1,86053	9,94625,68405	4,24329	10,05374,31595	10	
28	0	9,82097,88215	2,38253	9,87467,95481	1,86071	9,94629,92734	4,24324	10,05370,07266	0	32
	10	9,82100,26468	2,38229	9,87466,09410	1,86089	9,94634,17058	4,24318	10,05365,82942	50	
	20	9,82102,64697	2,38206	9,87464,23321	1,86107	9,94638,41376	4,24313	10,05361,58624	40	
	30	9,82105,02903	2,38184	9,87462,37214	1,86126	9,94642,65689	4,24310	10,05357,34311	30	
	40	9,82107,41087	2,38161	9,87460,51088	1,86145	9,94646,89999	4,24306	10,05353,10001	20	
	50	9,82109,79248	2,38137	9,87458,64943	1,86163	9,94651,14305	4,24300	10,05348,85695	10	
29	0	9,82112,17385	2,38114	9,87456,78780	1,86181	9,94655,38605	4,24295	10,05344,61395	0	31
	10	9,82114,55499	2,38090	9,87454,92599	1,86199	9,94659,62900	4,24289	10,05340,37100	50	
	20	9,82116,93589	2,38067	9,87453,06400	1,86217	9,94663,87189	4,24284	10,05336,12811	40	
	30	9,82119,31656	2,38044	9,87451,20183	1,86235	9,94668,11473	4,24279	10,05331,88527	30	
	40	9,82121,69700	2,38020	9,87449,33948	1,86253	9,94672,35752	4,24273	10,05327,64248	20	
	50	9,82124,07720	2,37997	9,87447,47695	1,86271	9,94676,60025	4,24268	10,05323,39975	10	
30	0	9,82126,45717	2,37973	9,87445,61424	1,86289	9,94680,84293	4,24262	10,05319,15707	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
30	0	9,82126,45717	2,37973	9,87445,61424	1,86289	9,94680,84293	4,24262	10,05319,15707	0	30
	10	9,82128,83690	2,37950	9,87443,75135	1,86307	9,94685,08555	4,24257	10,05314,91445	50	
	20	9,82131,21640	2,37928	9,87441,88828	1,86326	9,94689,32812	4,24254	10,05310,67188	40	
	30	9,82133,59568	2,37905	9,87440,02502	1,86345	9,94693,57066	4,24250	10,05306,42934	30	
	40	9,82135,97473	2,37881	9,87438,16157	1,86363	9,94697,81316	4,24244	10,05302,18684	20	
	50	9,82138,35354	2,37858	9,87436,29794	1,86381	9,94702,05560	4,24239	10,05297,94440	10	
31	0	9,82140,73212	2,37835	9,87434,43413	1,86399	9,94706,29799	4,24234	10,05293,70201	0	29
	10	9,82143,11047	2,37811	9,87432,57014	1,86417	9,94710,54033	4,24228	10,05289,45967	50	
	20	9,82145,48858	2,37788	9,87430,70597	1,86435	9,94714,78261	4,24223	10,05285,21739	40	
	30	9,82147,86646	2,37765	9,87428,84162	1,86453	9,94719,02484	4,24218	10,05280,97516	30	
	40	9,82150,24411	2,37742	9,87426,97709	1,86472	9,94723,26702	4,24214	10,05276,73298	20	
	50	9,82152,62153	2,37718	9,87425,11237	1,86490	9,94727,50916	4,24208	10,05272,49084	10	
32	0	9,82154,99871	2,37695	9,87423,24747	1,86508	9,94731,75124	4,24203	10,05268,24876	0	28
	10	9,82157,37566	2,37671	9,87421,38239	1,86526	9,94735,99327	4,24197	10,05264,00673	50	
	20	9,82159,75237	2,37649	9,87419,51713	1,86545	9,94740,23524	4,24194	10,05259,76476	40	
	30	9,82162,12886	2,37625	9,87417,65168	1,86563	9,94744,47718	4,24188	10,05255,52282	30	
	40	9,82164,50511	2,37603	9,87415,78605	1,86581	9,94748,71906	4,24184	10,05251,28094	20	
	50	9,82166,88114	2,37580	9,87413,92024	1,86600	9,94752,96090	4,24180	10,05247,03910	10	
33	0	9,82169,25694	2,37556	9,87412,05424	1,86618	9,94757,20270	4,24174	10,05242,79730	0	27
	10	9,82171,63250	2,37533	9,87410,18806	1,86636	9,94761,44444	4,24169	10,05238,55556	50	
	20	9,82174,00783	2,37510	9,87408,32170	1,86654	9,94765,68613	4,24164	10,05234,31387	40	
	30	9,82176,38293	2,37486	9,87406,45516	1,86672	9,94769,92777	4,24158	10,05230,07223	30	
	40	9,82178,75779	2,37463	9,87404,58844	1,86690	9,94774,16935	4,24153	10,05225,83065	20	
	50	9,82181,13242	2,37441	9,87402,72154	1,86709	9,94778,41088	4,24150	10,05221,58912	10	
34	0	9,82183,50683	2,37418	9,87400,85445	1,86728	9,94782,65238	4,24146	10,05217,34762	0	26
	10	9,82185,88101	2,37393	9,87398,98717	1,86745	9,94786,89384	4,24138	10,05213,10616	50	
	20	9,82188,25494	2,37370	9,87397,11972	1,86763	9,94791,13522	4,24133	10,05208,86478	40	
	30	9,82190,62864	2,37347	9,87395,25209	1,86781	9,94795,37655	4,24128	10,05204,62345	30	
	40	9,82193,00211	2,37324	9,87393,38428	1,86800	9,94799,61783	4,24124	10,05200,38217	20	
	50	9,82195,37535	2,37301	9,87391,51628	1,86818	9,94803,85907	4,24119	10,05196,14093	10	
35	0	9,82197,74836	2,37278	9,87389,64810	1,86836	9,94808,10026	4,24114	10,05191,89974	0	25
	10	9,82200,12114	2,37254	9,87387,77974	1,86854	9,94812,34140	4,24108	10,05187,65860	50	
	20	9,82202,49368	2,37231	9,87385,91120	1,86873	9,94816,58248	4,24104	10,05183,41752	40	
	30	9,82204,86599	2,37208	9,87384,04247	1,86891	9,94820,82352	4,24099	10,05179,17648	30	
	40	9,82207,23807	2,37186	9,87382,17356	1,86910	9,94825,06451	4,24096	10,05174,93549	20	
	50	9,82209,60993	2,37162	9,87380,30446	1,86928	9,94829,30547	4,24090	10,05170,69453	10	
36	0	9,82211,98155	2,37139	9,87378,43518	1,86946	9,94833,54637	4,24085	10,05166,45363	0	24
	10	9,82214,35294	2,37115	9,87376,56572	1,86963	9,94837,78722	4,24078	10,05162,21278	50	
	20	9,82216,72409	2,37092	9,87374,69609	1,86983	9,94842,02800	4,24075	10,05157,97200	40	
	30	9,82219,09501	2,37070	9,87372,82626	1,87001	9,94846,26875	4,24071	10,05153,73125	30	
	40	9,82221,46571	2,37046	9,87370,95625	1,87019	9,94850,50946	4,24065	10,05149,49054	20	
	50	9,82223,83617	2,37023	9,87369,08606	1,87037	9,94854,75011	4,24060	10,05145,24989	10	
37	0	9,82226,20640	2,36999	9,87367,21569	1,87055	9,94858,99071	4,24054	10,05141,00929	0	23
	10	9,82228,57639	2,36977	9,87365,34514	1,87074	9,94863,23125	4,24051	10,05136,76875	50	
	20	9,82230,94616	2,36954	9,87363,47440	1,87092	9,94867,47176	4,24046	10,05132,52824	40	
	30	9,82233,31570	2,36930	9,87361,60348	1,87110	9,94871,71222	4,24040	10,05128,28778	30	
	40	9,82235,68500	2,36907	9,87359,73238	1,87128	9,94875,95262	4,24035	10,05124,04738	20	
	50	9,82238,05407	2,36884	9,87357,86110	1,87147	9,94880,19297	4,24031	10,05119,80703	10	
38	0	9,82240,42291	2,36861	9,87355,98963	1,87165	9,94884,43328	4,24026	10,05115,56672	0	22
	10	9,82242,79152	2,36838	9,87354,11798	1,87183	9,94888,67354	4,24021	10,05111,32646	50	
	20	9,82245,15990	2,36815	9,87352,24615	1,87202	9,94892,91375	4,24017	10,05107,08625	40	
	30	9,82247,52805	2,36792	9,87350,37413	1,87220	9,94897,15392	4,24012	10,05102,84608	30	
	40	9,82249,89597	2,36768	9,87348,50193	1,87238	9,94901,39404	4,24006	10,05098,60596	20	
	50	9,82252,26365	2,36745	9,87346,62955	1,87256	9,94905,63410	4,24001	10,05094,36590	10	
39	0	9,82254,63110	2,36722	9,87344,75699	1,87274	9,94909,87411	4,23996	10,05090,12589	0	21
	10	9,82256,99832	2,36699	9,87342,88425	1,87293	9,94914,11407	4,23992	10,05085,88593	50	
	20	9,82259,36531	2,36677	9,87341,01132	1,87312	9,94918,35399	4,23989	10,05081,64601	40	
	30	9,82261,73208	2,36654	9,87339,13820	1,87330	9,94922,59388	4,23984	10,05077,40612	30	
	40	9,82264,09862	2,36630	9,87337,26490	1,87348	9,94926,83372	4,23978	10,05073,16628	20	
	50	9,82266,46492	2,36606	9,87335,39142	1,87366	9,94931,07350	4,23972	10,05068,92650	10	
40	0	9,82268,83098	2,36584	9,87333,51776	1,87385	9,94935,31322	4,23969	10,05064,68678	0	20
		Sin. Compl.		SINVVM		Tang. compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,82268,83098		9,87333,51776		9,94935,31322		10,05064,68678	0	20
	10	9,82271,19682	2,36584	9,87331,64391	1,87385	9,94939,55291	4,23969	10,05060,44709	50	
	20	9,82273,56243	2,36561	9,87329,76988	1,87403	9,94943,79255	4,23964	10,05056,20745	40	
	30	9,82275,92781	2,36538	9,87327,89567	1,87421	9,94948,03214	4,23959	10,05051,96786	30	
	40	9,82278,29295	2,36514	9,87326,02128	1,87439	9,94952,27167	4,23953	10,05047,72833	20	
	50	9,82280,65786	2,36491	9,87324,14671	1,87457	9,94956,51115	4,23948	10,05043,48885	10	
41	0	9,82283,02254	2,36468	9,87322,27195	1,87476	9,94960,75060	4,23945	10,05039,24940	0	19
	10	9,82285,38699	2,36445	9,87320,39701	1,87494	9,94964,98998	4,23938	10,05035,01002	50	
	20	9,82287,75122	2,36423	9,87318,52188	1,87513	9,94969,22934	4,23936	10,05030,77066	40	
	30	9,82290,11521	2,36399	9,87316,64657	1,87531	9,94973,46864	4,23930	10,05026,53136	30	
	40	9,82292,47897	2,36376	9,87314,77108	1,87549	9,94977,70789	4,23925	10,05022,29211	20	
	50	9,82294,84249	2,36352	9,87312,89541	1,87567	9,94981,94708	4,23919	10,05018,05292	10	
42	0	9,82297,20579	2,36330	9,87311,01955	1,87586	9,94986,18624	4,23916	10,05013,81376	0	18
	10	9,82299,56886	2,36307	9,87309,14351	1,87604	9,94990,42535	4,23911	10,05009,57465	50	
	20	9,82301,93169	2,36283	9,87307,26729	1,87622	9,94994,66440	4,23905	10,05005,33560	40	
	30	9,82304,29430	2,36261	9,87305,39088	1,87641	9,94998,90342	4,23902	10,05001,09658	30	
	40	9,82306,65667	2,36237	9,87303,51429	1,87659	9,95003,14238	4,23896	10,04996,85762	20	
	50	9,82309,01882	2,36215	9,87301,63752	1,87677	9,95007,38130	4,23892	10,04992,61870	10	
43	0	9,82311,38074	2,36192	9,87299,76056	1,87696	9,95011,62018	4,23888	10,04988,37982	0	17
	10	9,82313,74242	2,36168	9,87297,88342	1,87714	9,95015,85900	4,23882	10,04984,14100	50	
	20	9,82316,10387	2,36145	9,87296,00610	1,87732	9,95020,09777	4,23877	10,04979,90223	40	
	30	9,82318,46510	2,36123	9,87294,12859	1,87751	9,95024,33651	4,23874	10,04975,66349	30	
	40	9,82320,82609	2,36099	9,87292,25090	1,87769	9,95028,57519	4,23868	10,04971,42481	20	
	50	9,82323,18685	2,36076	9,87290,37303	1,87787	9,95032,81382	4,23863	10,04967,18618	10	
44	0	9,82325,54739	2,36054	9,87288,49497	1,87806	9,95037,05242	4,23860	10,04962,94758	0	16
	10	9,82327,90769	2,36030	9,87286,61673	1,87824	9,95041,29096	4,23854	10,04958,70904	50	
	20	9,82330,26777	2,36008	9,87284,73830	1,87843	9,95045,52947	4,23851	10,04954,47053	40	
	30	9,82332,62761	2,35984	9,87282,85969	1,87861	9,95049,76792	4,23845	10,04950,23208	30	
	40	9,82334,98722	2,35961	9,87280,98090	1,87879	9,95054,00632	4,23840	10,04945,99368	20	
	50	9,82337,34660	2,35938	9,87279,10193	1,87897	9,95058,24467	4,23835	10,04941,75533	10	
45	0	9,82339,70575	2,35915	9,87277,22278	1,87915	9,95062,48297	4,23830	10,04937,51703	0	15
	10	9,82342,06467	2,35892	9,87275,34344	1,87934	9,95066,72123	4,23826	10,04933,27877	50	
	20	9,82344,42336	2,35869	9,87273,46392	1,87952	9,95070,95944	4,23821	10,04929,04056	40	
	30	9,82346,78182	2,35846	9,87271,58421	1,87971	9,95075,19761	4,23817	10,04924,80239	30	
	40	9,82349,14005	2,35823	9,87269,70432	1,87989	9,95079,43573	4,23812	10,04920,56427	20	
	50	9,82351,49805	2,35800	9,87267,82425	1,88007	9,95083,67380	4,23807	10,04916,32620	10	
46	0	9,82353,85582	2,35777	9,87265,94399	1,88026	9,95087,91183	4,23803	10,04912,08817	0	14
	10	9,82356,21336	2,35754	9,87264,06355	1,88044	9,95092,14981	4,23798	10,04907,85019	50	
	20	9,82358,57067	2,35731	9,87262,18292	1,88063	9,95096,38775	4,23794	10,04903,61225	40	
	30	9,82360,92775	2,35708	9,87260,30211	1,88081	9,95100,62564	4,23789	10,04899,37436	30	
	40	9,82363,28460	2,35685	9,87258,42112	1,88099	9,95104,86348	4,23784	10,04895,13652	20	
	50	9,82365,64122	2,35662	9,87256,53995	1,88117	9,95109,10127	4,23779	10,04890,89873	10	
47	0	9,82367,99760	2,35638	9,87254,65860	1,88135	9,95113,33900	4,23773	10,04886,66100	0	13
	10	9,82370,35375	2,35615	9,87252,77707	1,88153	9,95117,57668	4,23768	10,04882,42332	50	
	20	9,82372,70967	2,35592	9,87250,89535	1,88172	9,95121,81432	4,23764	10,04878,18568	40	
	30	9,82375,06537	2,35570	9,87249,01344	1,88191	9,95126,05193	4,23761	10,04873,94807	30	
	40	9,82377,42085	2,35548	9,87247,13134	1,88210	9,95130,28951	4,23758	10,04869,71049	20	
	50	9,82379,77609	2,35524	9,87245,24906	1,88228	9,95134,52703	4,23752	10,04865,47297	10	
48	0	9,82382,13110	2,35501	9,87243,36660	1,88246	9,95138,76450	4,23747	10,04861,23550	0	12
	10	9,82384,48589	2,35479	9,87241,48395	1,88265	9,95143,00194	4,23744	10,04856,99806	50	
	20	9,82386,84044	2,35455	9,87239,60112	1,88283	9,95147,23932	4,23738	10,04852,76068	40	
	30	9,82389,19476	2,35432	9,87237,71811	1,88301	9,95151,47665	4,23733	10,04848,52335	30	
	40	9,82391,54885	2,35409	9,87235,83492	1,88319	9,95155,71393	4,23728	10,04844,28607	20	
	50	9,82393,90270	2,35385	9,87233,95155	1,88337	9,95159,95115	4,23722	10,04840,04885	10	
49	0	9,82396,25633	2,35363	9,87232,06799	1,88356	9,95164,18834	4,23719	10,04835,81166	0	11
	10	9,82398,60973	2,35340	9,87230,18425	1,88374	9,95168,42548	4,23714	10,04831,57452	50	
	20	9,82400,96290	2,35317	9,87228,30032	1,88393	9,95172,66258	4,23710	10,04827,33742	40	
	30	9,82403,31584	2,35294	9,87226,41621	1,88411	9,95176,89963	4,23705	10,04823,10037	30	
	40	9,82405,66856	2,35272	9,87224,53191	1,88430	9,95181,13665	4,23702	10,04818,86335	20	
	50	9,82408,02104	2,35248	9,87222,64743	1,88448	9,95185,37361	4,23696	10,04814,62639	10	
50	0	9,82410,37330	2,35226	9,87220,76276	1,88467	9,95189,61054	4,23693	10,04810,38946	0	10
		Sin. Compl.	2,35204	SINVVM	1,88486	Tang.compl	4,23690	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl' Logarithmi.		
50	0	9,82410,37330	2,35204	9,87220,76276	1,88486	9,95189,61054	4,23690	10,04810,38946	0	10
	10	9,82412,72534	2,35179	9,87218,87790	1,88503	9,95193,84744	4,23682	10,04806,15256	50	
	20	9,82415,07713	2,35156	9,87216,99287	1,88521	9,95198,08426	4,23677	10,04801,91574	40	
	30	9,82417,42869	2,35134	9,87215,10766	1,88540	9,95202,32103	4,23674	10,04797,67897	30	
	40	9,82419,78003	2,35110	9,87213,22226	1,88558	9,95206,55777	4,23668	10,04793,44223	20	
	50	9,82422,13113	2,35087	9,87211,33668	1,88577	9,95210,79445	4,23664	10,04789,20555	10	
51	0	9,82424,48200	2,35065	9,87209,45091	1,88595	9,95215,03109	4,23660	10,04784,96891	0	9
	10	9,82426,83265	2,35042	9,87207,56496	1,88614	9,95219,26769	4,23656	10,04780,73231	50	
	20	9,82429,18307	2,35019	9,87205,67882	1,88632	9,95223,50425	4,23651	10,04776,49575	40	
	30	9,82431,53326	2,34997	9,87203,79250	1,88651	9,95227,74076	4,23648	10,04772,25924	30	
	40	9,82433,88323	2,34973	9,87201,90599	1,88669	9,95231,97724	4,23642	10,04768,02276	20	
	50	9,82436,23296	2,34950	9,87200,01930	1,88687	9,95236,21366	4,23637	10,04763,78634	10	
52	0	9,82438,58246	2,34927	9,87198,13243	1,88705	9,95240,45003	4,23632	10,04759,54997	0	8
	10	9,82440,93173	2,34903	9,87196,24538	1,88723	9,95244,68635	4,23626	10,04755,31365	50	
	20	9,82443,28076	2,34881	9,87194,35815	1,88742	9,95248,92261	4,23623	10,04751,07739	40	
	30	9,82445,62957	2,34859	9,87192,47073	1,88761	9,95253,15884	4,23620	10,04746,84116	30	
	40	9,82447,97816	2,34836	9,87190,58312	1,88780	9,95257,39504	4,23616	10,04742,60496	20	
	50	9,82450,32652	2,34813	9,87188,69532	1,88798	9,95261,63120	4,23611	10,04738,36880	10	
53	0	9,82452,67465	2,34790	9,87186,80734	1,88816	9,95265,86731	4,23606	10,04734,13269	0	7
	10	9,82455,02255	2,34767	9,87184,91918	1,88835	9,95270,10337	4,23602	10,04729,89663	50	
	20	9,82457,37022	2,34745	9,87183,03083	1,88853	9,95274,33939	4,23598	10,04725,66061	40	
	30	9,82459,71767	2,34722	9,87181,14230	1,88872	9,95278,57537	4,23594	10,04721,42463	30	
	40	9,82462,06489	2,34698	9,87179,25358	1,88889	9,95282,81131	4,23587	10,04717,18869	20	
	50	9,82464,41187	2,34674	9,87177,36469	1,88908	9,95287,04718	4,23582	10,04712,95282	10	
54	0	9,82466,75861	2,34652	9,87175,47561	1,88926	9,95291,28300	4,23578	10,04708,71700	0	6
	10	9,82469,10513	2,34630	9,87173,58635	1,88945	9,95295,51878	4,23575	10,04704,48122	50	
	20	9,82471,45143	2,34607	9,87171,69690	1,88964	9,95299,75453	4,23571	10,04700,24547	40	
	30	9,82473,79750	2,34584	9,87169,80726	1,88982	9,95303,99024	4,23566	10,04696,00976	30	
	40	9,82476,14334	2,34561	9,87167,91744	1,89001	9,95308,22590	4,23562	10,04691,77410	20	
	50	9,82478,48895	2,34538	9,87166,02743	1,89018	9,95312,46152	4,23556	10,04687,53848	10	
55	0	9,82480,83433	2,34515	9,87164,13725	1,89037	9,95316,69708	4,23552	10,04683,30292	0	5
	10	9,82483,17948	2,34493	9,87162,24688	1,89056	9,95320,93260	4,23549	10,04679,06740	50	
	20	9,82485,52441	2,34469	9,87160,35632	1,89074	9,95325,16809	4,23543	10,04674,83191	40	
	30	9,82487,86910	2,34447	9,87158,46558	1,89093	9,95329,40352	4,23540	10,04670,59648	30	
	40	9,82490,21357	2,34423	9,87156,57465	1,89111	9,95333,63892	4,23534	10,04666,36108	20	
	50	9,82492,55780	2,34402	9,87154,68354	1,89130	9,95337,87426	4,23532	10,04662,12574	10	
56	0	9,82494,90182	2,34378	9,87152,79224	1,89148	9,95342,10958	4,23526	10,04657,89042	0	4
	10	9,82497,24560	2,34356	9,87150,90076	1,89167	9,95346,34484	4,23523	10,04653,65516	50	
	20	9,82499,58916	2,34333	9,87149,00909	1,89185	9,95350,58007	4,23518	10,04649,41993	40	
	30	9,82501,93249	2,34309	9,87147,11724	1,89203	9,95354,81525	4,23512	10,04645,18475	30	
	40	9,82504,27558	2,34286	9,87145,22521	1,89221	9,95359,05037	4,23507	10,04640,94963	20	
	50	9,82506,61844	2,34264	9,87143,33300	1,89240	9,95363,28544	4,23504	10,04636,71456	10	
57	0	9,82508,96108	2,34240	9,87141,44060	1,89258	9,95367,52048	4,23498	10,04632,47952	0	3
	10	9,82511,30348	2,34217	9,87139,54802	1,89276	9,95371,75546	4,23493	10,04628,24454	50	
	20	9,82513,64565	2,34195	9,87137,65526	1,89295	9,95375,99039	4,23490	10,04624,00961	40	
	30	9,82515,98760	2,34172	9,87135,76231	1,89314	9,95380,22529	4,23486	10,04619,77471	30	
	40	9,82518,32932	2,34150	9,87133,86917	1,89333	9,95384,46015	4,23483	10,04615,53985	20	
	50	9,82520,67082	2,34128	9,87131,97584	1,89352	9,95388,69498	4,23480	10,04611,30502	10	
58	0	9,82523,01210	2,34104	9,87130,08232	1,89370	9,95392,92978	4,23474	10,04607,07022	0	2
	10	9,82525,35314	2,34081	9,87128,18862	1,89387	9,95397,16452	4,23468	10,04602,83548	50	
	20	9,82527,69395	2,34058	9,87126,29475	1,89406	9,95401,39920	4,23464	10,04598,60080	40	
	30	9,82530,03453	2,34036	9,87124,40069	1,89425	9,95405,63384	4,23461	10,04594,36616	30	
	40	9,82532,37489	2,34013	9,87122,50644	1,89443	9,95409,86845	4,23456	10,04590,13155	20	
	50	9,82534,71502	2,33990	9,87120,61201	1,89462	9,95414,10301	4,23452	10,04585,89699	10	
59	0	9,82537,05492	2,33967	9,87118,71739	1,89480	9,95418,33753	4,23447	10,04581,66247	0	1
	10	9,82539,39459	2,33944	9,87116,82259	1,89498	9,95422,57200	4,23442	10,04577,42800	50	
	20	9,82541,73403	2,33920	9,87114,92761	1,89517	9,95426,80642	4,23437	10,04573,19358	40	
	30	9,82544,07323	2,33899	9,87113,03244	1,89536	9,95431,04079	4,23435	10,04568,95921	30	
	40	9,82546,41222	2,33876	9,87111,13708	1,89554	9,95435,27514	4,23430	10,04564,72486	20	
	50	9,82548,75098	2,33853	9,87109,24154	1,89573	9,95439,50944	4,23426	10,04560,49056	10	
60	0	9,82551,08951	2,33831	9,87107,34581	1,89592	9,95443,74370	4,23423	10,04556,25630	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,82551,08951		9,87107,34581		9,95443,74370		10,04556,25630	0	60
	10	9,82553,42782	2,33831	9,87105,44989	1,89592	9,95447,97793	4,23423	10,04552,02207	50	
	20	9,82555,76590	2,33808	9,87103,55379	1,89610	9,95452,21211	4,23418	10,04547,78789	40	
	30	9,82558,10375	2,33785	9,87101,65751	1,89628	9,95456,44624	4,23413	10,04543,55376	30	
	40	9,82560,44136	2,33761	9,87099,76105	1,89646	9,95460,68031	4,23407	10,04539,31969	20	
	50	9,82562,77874	2,33738	9,87097,86441	1,89664	9,95464,91433	4,23402	10,04535,08567	10	
1	0	9,82565,11590	2,33716	9,87095,96758	1,89683	9,95469,14832	4,23399	10,04530,85168	0	59
	10	9,82567,45282	2,33692	9,87094,07058	1,89700	9,95473,38224	4,23392	10,04526,61776	50	
	20	9,82569,78952	2,33670	9,87092,17338	1,89720	9,95477,61614	4,23390	10,04522,38386	40	
	30	9,82572,12600	2,33648	9,87090,27599	1,89739	9,95481,85001	4,23387	10,04518,14999	30	
	40	9,82574,46226	2,33626	9,87088,37841	1,89758	9,95486,08385	4,23384	10,04513,91615	20	
	50	9,82576,79829	2,33603	9,87086,48064	1,89777	9,95490,31765	4,23380	10,04509,68235	10	
2	0	9,82579,13409	2,33580	9,87084,58269	1,89795	9,95494,55140	4,23375	10,04505,44860	0	58
	10	9,82581,46967	2,33558	9,87082,68455	1,89814	9,95498,78512	4,23372	10,04501,21488	50	
	20	9,82583,80501	2,33534	9,87080,78623	1,89832	9,95503,01878	4,23366	10,04496,98122	40	
	30	9,82586,14013	2,33512	9,87078,88773	1,89850	9,95507,25240	4,23362	10,04492,74760	30	
	40	9,82588,47501	2,33488	9,87076,98905	1,89868	9,95511,48596	4,23356	10,04488,51404	20	
	50	9,82590,80966	2,33465	9,87075,09018	1,89887	9,95515,71948	4,23352	10,04484,28052	10	
3	0	9,82593,14409	2,33443	9,87073,19113	1,89905	9,95519,95290	4,23348	10,04480,04704	0	57
	10	9,82595,47829	2,33420	9,87071,29189	1,89924	9,95524,18640	4,23344	10,04475,81360	50	
	20	9,82597,81226	2,33397	9,87069,39247	1,89942	9,95528,41979	4,23339	10,04471,58021	40	
	30	9,82600,14601	2,33375	9,87067,49286	1,89961	9,95532,65315	4,23336	10,04467,34685	30	
	40	9,82602,47953	2,33352	9,87065,59306	1,89980	9,95536,88647	4,23332	10,04463,11353	20	
	50	9,82604,81282	2,33329	9,87063,69308	1,89998	9,95541,11974	4,23327	10,04458,88026	10	
4	0	9,82607,14589	2,33307	9,87061,79291	1,90017	9,95545,35298	4,23324	10,04454,64702	0	56
	10	9,82609,47872	2,33283	9,87059,89256	1,90035	9,95549,58616	4,23318	10,04450,41384	50	
	20	9,82611,81134	2,33262	9,87057,99202	1,90054	9,95553,81932	4,23316	10,04446,18068	40	
	30	9,82614,14372	2,33238	9,87056,09130	1,90072	9,95558,05242	4,23310	10,04441,94758	30	
	40	9,82616,47587	2,33215	9,87054,19040	1,90090	9,95562,28547	4,23305	10,04437,71453	20	
	50	9,82618,80780	2,33193	9,87052,28931	1,90109	9,95566,51849	4,23302	10,04433,48151	10	
5	0	9,82621,13950	2,33170	9,87050,38803	1,90128	9,95570,75147	4,23298	10,04429,24853	0	55
	10	9,82623,47097	2,33147	9,87048,48657	1,90146	9,95574,98440	4,23293	10,04425,01560	50	
	20	9,82625,80222	2,33125	9,87046,58492	1,90165	9,95579,21730	4,23290	10,04420,78270	40	
	30	9,82628,13324	2,33102	9,87044,68309	1,90183	9,95583,45015	4,23285	10,04416,54985	30	
	40	9,82630,46403	2,33079	9,87042,78107	1,90202	9,95587,68296	4,23281	10,04412,31704	20	
	50	9,82632,79460	2,33057	9,87040,87886	1,90221	9,95591,91574	4,23278	10,04408,08426	10	
6	0	9,82635,12495	2,33035	9,87038,97646	1,90240	9,95596,14849	4,23275	10,04403,85151	0	54
	10	9,82637,45507	2,33012	9,87037,07388	1,90258	9,95600,38119	4,23270	10,04399,61881	50	
	20	9,82639,78496	2,32989	9,87035,17111	1,90277	9,95604,61385	4,23266	10,04395,38615	40	
	30	9,82642,11462	2,32966	9,87033,26816	1,90295	9,95608,84646	4,23261	10,04391,15354	30	
	40	9,82644,44405	2,32943	9,87031,36503	1,90313	9,95613,07902	4,23256	10,04386,92098	20	
	50	9,82646,77324	2,32919	9,87029,46172	1,90331	9,95617,31152	4,23250	10,04382,68848	10	
7	0	9,82649,10220	2,32896	9,87027,55823	1,90349	9,95621,54397	4,23245	10,04378,45603	0	53
	10	9,82651,43094	2,32874	9,87025,65455	1,90368	9,95625,77639	4,23242	10,04374,22361	50	
	20	9,82653,75945	2,32851	9,87023,75068	1,90387	9,95630,00877	4,23238	10,04369,99123	40	
	30	9,82656,08775	2,32830	9,87021,84662	1,90406	9,95634,24113	4,23236	10,04365,75887	30	
	40	9,82658,41582	2,32807	9,87019,94237	1,90425	9,95638,47345	4,23232	10,04361,52655	20	
	50	9,82660,74367	2,32785	9,87018,03794	1,90443	9,95642,70573	4,23228	10,04357,29427	10	
8	0	9,82663,07129	2,32762	9,87016,13332	1,90462	9,95646,93797	4,23224	10,04353,06203	0	52
	10	9,82665,39869	2,32740	9,87014,22850	1,90482	9,95651,17019	4,23222	10,04348,82981	50	
	20	9,82667,72586	2,32717	9,87012,32351	1,90499	9,95655,40235	4,23216	10,04344,59765	40	
	30	9,82670,05279	2,32693	9,87010,41834	1,90517	9,95659,63445	4,23210	10,04340,36555	30	
	40	9,82672,37948	2,32669	9,87008,51299	1,90535	9,95663,86649	4,23204	10,04336,13351	20	
	50	9,82674,70595	2,32647	9,87006,60746	1,90553	9,95668,09849	4,23200	10,04331,90151	10	
9	0	9,82677,03219	2,32624	9,87004,70174	1,90572	9,95672,33045	4,23196	10,04327,66955	0	51
	10	9,82679,35820	2,32601	9,87002,79584	1,90590	9,95676,56236	4,23191	10,04323,43764	50	
	20	9,82681,68400	2,32580	9,87000,88974	1,90610	9,95680,79426	4,23190	10,04319,20574	40	
	30	9,82684,00958	2,32558	9,86998,98345	1,90629	9,95685,02613	4,23187	10,04314,97387	30	
	40	9,82686,33494	2,32536	9,86997,07697	1,90648	9,95689,25797	4,23184	10,04310,74203	20	
	50	9,82688,66006	2,32512	9,86995,17031	1,90666	9,95693,48975	4,23178	10,04306,51025	10	
10	0	9,82690,98496	2,32490	9,86993,26346	1,90685	9,95697,72150	4,23175	10,04302,27850	0	50
		Sin. Compl.	2,32467	SINVVM	1,90703	Tang.compl	4,23170	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
10	0	9,82690,98496	2,32467	9,86993,26346	1,90703	9,95697,72150	4,23170	10,04302,27850	0	50
	10	9,82693,30963	2,32444	9,86991,35643	1,90722	9,95701,95320	4,23166	10,04298,04680	50	
	20	9,82695,63407	2,32422	9,86989,44921	1,90741	9,95706,18486	4,23163	10,04293,81514	40	
	30	9,82697,95829	2,32399	9,86987,54180	1,90759	9,95710,41649	4,23158	10,04289,58351	30	
	40	9,82700,28228	2,32375	9,86985,63421	1,90777	9,95714,64807	4,23152	10,04285,35193	20	
	50	9,82702,60603	2,32354	9,86983,72644	1,90796	9,95718,87959	4,23150	10,04281,12041	10	
11	0	9,82704,92957	2,32330	9,86981,81848	1,90814	9,95723,11109	4,23144	10,04276,88891	0	49
	10	9,82707,25287	2,32308	9,86979,91034	1,90832	9,95727,34253	4,23140	10,04272,65747	50	
	20	9,82709,57595	2,32286	9,86978,00202	1,90852	9,95731,57393	4,23138	10,04268,42607	40	
	30	9,82711,89881	2,32263	9,86976,09350	1,90871	9,95735,80531	4,23134	10,04264,19469	30	
	40	9,82714,22144	2,32241	9,86974,18479	1,90889	9,95740,03665	4,23130	10,04259,96335	20	
	50	9,82716,54385	2,32218	9,86972,27590	1,90908	9,95744,26795	4,23126	10,04255,73205	10	
12	0	9,82718,86603	2,32195	9,86970,36682	1,90926	9,95748,49921	4,23121	10,04251,50079	0	48
	10	9,82721,18798	2,32173	9,86968,45756	1,90945	9,95752,73042	4,23118	10,04247,26958	50	
	20	9,82723,50971	2,32149	9,86966,54811	1,90963	9,95756,96160	4,23112	10,04243,03840	40	
	30	9,82725,83120	2,32128	9,86964,63848	1,90982	9,95761,19272	4,23110	10,04238,80728	30	
	40	9,82728,15248	2,32105	9,86962,72866	1,91001	9,95765,42382	4,23106	10,04234,57618	20	
	50	9,82730,47353	2,32082	9,86960,81865	1,91019	9,95769,65488	4,23101	10,04230,34512	10	
13	0	9,82732,79435	2,32060	9,86958,90846	1,91038	9,95773,88589	4,23098	10,04226,11411	0	47
	10	9,82735,11495	2,32037	9,86956,99808	1,91057	9,95778,11687	4,23094	10,04221,88313	50	
	20	9,82737,43532	2,32014	9,86955,08751	1,91075	9,95782,34781	4,23089	10,04217,65219	40	
	30	9,82739,75546	2,31991	9,86953,17676	1,91093	9,95786,57870	4,23084	10,04213,42130	30	
	40	9,82742,07537	2,31968	9,86951,26583	1,91112	9,95790,80954	4,23080	10,04209,19046	20	
	50	9,82744,39505	2,31946	9,86949,35471	1,91130	9,95795,04034	4,23076	10,04204,95966	10	
14	0	9,82746,71451	2,31923	9,86947,44341	1,91149	9,95799,27110	4,23072	10,04200,72890	0	46
	10	9,82749,03374	2,31902	9,86945,53192	1,91168	9,95803,50182	4,23070	10,04196,49818	50	
	20	9,82751,35276	2,31879	9,86943,62024	1,91187	9,95807,73252	4,23066	10,04192,26748	40	
	30	9,82753,67155	2,31855	9,86941,70837	1,91205	9,95811,96318	4,23060	10,04188,03682	30	
	40	9,82755,99010	2,31834	9,86939,79632	1,91224	9,95816,19378	4,23058	10,04183,80622	20	
	50	9,82758,30844	2,31811	9,86937,88408	1,91243	9,95820,42436	4,23054	10,04179,57564	10	
15	0	9,82760,62655	2,31788	9,86935,97165	1,91261	9,95824,65490	4,23049	10,04175,34510	0	45
	10	9,82762,94443	2,31766	9,86934,05904	1,91280	9,95828,88539	4,23046	10,04171,11461	50	
	20	9,82765,26209	2,31744	9,86932,14624	1,91299	9,95833,11585	4,23043	10,04166,88415	40	
	30	9,82767,57953	2,31721	9,86930,23325	1,91317	9,95837,34628	4,23038	10,04162,65372	30	
	40	9,82769,89674	2,31698	9,86928,32008	1,91336	9,95841,57666	4,23034	10,04158,42334	20	
	50	9,82772,21372	2,31675	9,86926,40672	1,91354	9,95845,80700	4,23029	10,04154,19300	10	
16	0	9,82774,53047	2,31653	9,86924,49318	1,91373	9,95850,03729	4,23026	10,04149,96271	0	44
	10	9,82776,84700	2,31630	9,86922,57945	1,91392	9,95854,26755	4,23022	10,04145,73245	50	
	20	9,82779,16330	2,31609	9,86920,66553	1,91411	9,95858,49777	4,23020	10,04141,50223	40	
	30	9,82781,47939	2,31585	9,86918,75142	1,91429	9,95862,72797	4,23014	10,04137,27203	30	
	40	9,82783,79524	2,31562	9,86916,83713	1,91447	9,95866,95811	4,23009	10,04133,04189	20	
	50	9,82786,11086	2,31540	9,86914,92266	1,91466	9,95871,18820	4,23006	10,04128,81180	10	
17	0	9,82788,42626	2,31516	9,86913,00800	1,91484	9,95875,41826	4,23000	10,04124,58174	0	43
	10	9,82790,74142	2,31495	9,86911,09316	1,91503	9,95879,64826	4,22998	10,04120,35174	50	
	20	9,82793,05637	2,31472	9,86909,17813	1,91522	9,95883,87824	4,22994	10,04116,12176	40	
	30	9,82795,37109	2,31450	9,86907,26291	1,91541	9,95888,10818	4,22991	10,04111,89182	30	
	40	9,82797,68559	2,31428	9,86905,34750	1,91560	9,95892,33809	4,22988	10,04107,66191	20	
	50	9,82799,99987	2,31405	9,86903,43190	1,91579	9,95896,56797	4,22984	10,04103,43203	10	
18	0	9,82802,31392	2,31384	9,86901,51611	1,91598	9,95900,79781	4,22982	10,04099,20219	0	42
	10	9,82804,62776	2,31360	9,86899,60013	1,91616	9,95905,02763	4,22976	10,04094,97237	50	
	20	9,82806,94136	2,31337	9,86897,68397	1,91634	9,95909,25739	4,22971	10,04090,74261	40	
	30	9,82809,25473	2,31314	9,86895,76763	1,91652	9,95913,48710	4,22966	10,04086,51290	30	
	40	9,82811,56787	2,31291	9,86893,85111	1,91671	9,95917,71676	4,22962	10,04082,28324	20	
	50	9,82813,88078	2,31270	9,86891,93440	1,91690	9,95921,94638	4,22960	10,04078,05362	10	
19	0	9,82816,19348	2,31247	9,86890,01750	1,91709	9,95926,17598	4,22956	10,04073,82402	0	41
	10	9,82818,50595	2,31225	9,86888,10041	1,91728	9,95930,40554	4,22953	10,04069,59446	50	
	20	9,82820,81820	2,31202	9,86886,18313	1,91746	9,95934,63507	4,22948	10,04065,36493	40	
	30	9,82823,13022	2,31180	9,86884,26567	1,91765	9,95938,86455	4,22945	10,04061,13545	30	
	40	9,82825,44202	2,31157	9,86882,34802	1,91783	9,95943,09400	4,22940	10,04056,90600	20	
	50	9,82827,75359	2,31134	9,86880,43019	1,91802	9,95947,32340	4,22936	10,04052,67660	10	
20	0	9,82830,06493	2,31112	9,86878,51217	1,91821	9,95951,55276	4,22933	10,04048,44724	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
20	0	9,82830,06493	2,31112	9,86878,51217	1,91821	9,95951,55276	4,22933	10,04048,44724	0	40
	10	9,82832,37605	2,31090	9,86876,59396	1,91840	9,95955,78209	4,22930	10,04044,21791	50	
	20	9,82834,68695	2,31067	9,86874,67556	1,91858	9,95960,01139	4,22925	10,04039,98861	40	
	30	9,82836,99762	2,31045	9,86872,75698	1,91877	9,95964,24064	4,22922	10,04035,75936	30	
	40	9,82839,30807	2,31021	9,86870,83821	1,91895	9,95968,46986	4,22916	10,04031,53014	20	
	50	9,82841,61828	2,30999	9,86868,91926	1,91914	9,95972,69902	4,22913	10,04027,30098	10	
21	0	9,82843,92827	2,30977	9,86867,00012	1,91933	9,95976,92815	4,22910	10,04023,07185	0	39
	10	9,82846,23804	2,30953	9,86865,08079	1,91951	9,95981,15725	4,22904	10,04018,84275	50	
	20	9,82848,54757	2,30932	9,86863,16128	1,91970	9,95985,38629	4,22902	10,04014,61371	40	
	30	9,82850,85689	2,30910	9,86861,24158	1,91990	9,95989,61531	4,22900	10,04010,38469	30	
	40	9,82853,16599	2,30888	9,86859,32168	1,92008	9,95993,84431	4,22896	10,04006,15569	20	
	50	9,82855,47487	2,30865	9,86857,40160	1,92027	9,95998,07327	4,22892	10,04001,92673	10	
22	0	9,82857,78352	2,30843	9,86855,48133	1,92046	9,96002,30219	4,22889	10,03997,69781	0	38
	10	9,82860,09195	2,30820	9,86853,56087	1,92064	9,96006,53108	4,22884	10,03993,46892	50	
	20	9,82862,40015	2,30796	9,86851,64023	1,92082	9,96010,75992	4,22878	10,03989,24008	40	
	30	9,82864,70811	2,30775	9,86849,71941	1,92101	9,96014,98870	4,22876	10,03985,01130	30	
	40	9,82867,01586	2,30752	9,86847,79840	1,92120	9,96019,21746	4,22872	10,03980,78254	20	
	50	9,82869,32338	2,30729	9,86845,87720	1,92138	9,96023,44618	4,22867	10,03976,55382	10	
23	0	9,82871,63067	2,30707	9,86843,95582	1,92157	9,96027,67485	4,22864	10,03972,32515	0	37
	10	9,82873,93774	2,30684	9,86842,03425	1,92176	9,96031,90349	4,22860	10,03968,09651	50	
	20	9,82876,24458	2,30663	9,86840,11249	1,92195	9,96036,13209	4,22858	10,03963,86791	40	
	30	9,82878,55121	2,30640	9,86838,19054	1,92214	9,96040,36067	4,22854	10,03959,63933	30	
	40	9,82880,85761	2,30618	9,86836,26840	1,92232	9,96044,58921	4,22850	10,03955,41079	20	
	50	9,82883,16379	2,30595	9,86834,34608	1,92251	9,96048,81771	4,22846	10,03951,18229	10	
24	0	9,82885,46974	2,30573	9,86832,42357	1,92270	9,96053,04617	4,22843	10,03946,95383	0	36
	10	9,82887,77547	2,30550	9,86830,50087	1,92288	9,96057,27460	4,22838	10,03942,72540	50	
	20	9,82890,08097	2,30527	9,86828,57799	1,92307	9,96061,50298	4,22834	10,03938,49702	40	
	30	9,82892,38624	2,30506	9,86826,65492	1,92326	9,96065,73132	4,22832	10,03934,26868	30	
	40	9,82894,69130	2,30483	9,86824,73166	1,92345	9,96069,95964	4,22828	10,03930,04036	20	
	50	9,82896,99613	2,30460	9,86822,80821	1,92363	9,96074,18792	4,22823	10,03925,81208	10	
25	0	9,82899,30073	2,30438	9,86820,88458	1,92382	9,96078,41615	4,22820	10,03921,58385	0	35
	10	9,82901,60511	2,30415	9,86818,96076	1,92401	9,96082,64435	4,22816	10,03917,35565	50	
	20	9,82903,90926	2,30393	9,86817,03675	1,92419	9,96086,87251	4,22812	10,03913,12749	40	
	30	9,82906,21319	2,30370	9,86815,11256	1,92438	9,96091,10063	4,22808	10,03908,89937	30	
	40	9,82908,51689	2,30348	9,86813,18818	1,92457	9,96095,32871	4,22805	10,03904,67129	20	
	50	9,82910,82037	2,30326	9,86811,26361	1,92476	9,96099,55676	4,22802	10,03900,44324	10	
26	0	9,82913,12363	2,30304	9,86809,33885	1,92495	9,96103,78478	4,22799	10,03896,21522	0	34
	10	9,82915,42667	2,30281	9,86807,41390	1,92513	9,96108,01277	4,22794	10,03891,98723	50	
	20	9,82917,72948	2,30259	9,86805,48877	1,92532	9,96112,24071	4,22791	10,03887,75929	40	
	30	9,82920,03207	2,30237	9,86803,56345	1,92551	9,96116,46862	4,22788	10,03883,53138	30	
	40	9,82922,33444	2,30213	9,86801,63794	1,92569	9,96120,69650	4,22782	10,03879,30350	20	
	50	9,82924,63657	2,30191	9,86799,71225	1,92588	9,96124,92432	4,22779	10,03875,07568	10	
27	0	9,82926,93848	2,30168	9,86797,78637	1,92606	9,96129,15211	4,22774	10,03870,84789	0	33
	10	9,82929,24016	2,30145	9,86795,86031	1,92625	9,96133,37985	4,22770	10,03866,62015	50	
	20	9,82931,54161	2,30124	9,86793,93406	1,92644	9,96137,60755	4,22768	10,03862,39245	40	
	30	9,82933,84285	2,30102	9,86792,00762	1,92664	9,96141,83523	4,22766	10,03858,16477	30	
	40	9,82936,14387	2,30080	9,86790,08098	1,92682	9,96146,06289	4,22762	10,03853,93711	20	
	50	9,82938,44467	2,30057	9,86788,15416	1,92701	9,96150,29051	4,22758	10,03849,70949	10	
28	0	9,82940,74524	2,30035	9,86786,22715	1,92720	9,96154,51809	4,22755	10,03845,48191	0	32
	10	9,82943,04559	2,30012	9,86784,29995	1,92738	9,96158,74564	4,22750	10,03841,25436	50	
	20	9,82945,34571	2,29989	9,86782,37257	1,92757	9,96162,97314	4,22746	10,03837,02686	40	
	30	9,82947,64560	2,29968	9,86780,44500	1,92776	9,96167,20060	4,22744	10,03832,79940	30	
	40	9,82949,94528	2,29944	9,86778,51724	1,92794	9,96171,42804	4,22738	10,03828,57196	20	
	50	9,82952,24472	2,29922	9,86776,58930	1,92813	9,96175,65542	4,22735	10,03824,34458	10	
29	0	9,82954,54394	2,29900	9,86774,66117	1,92832	9,96179,88277	4,22732	10,03820,11723	0	31
	10	9,82956,84294	2,29878	9,86772,73285	1,92851	9,96184,11009	4,22729	10,03815,88991	50	
	20	9,82959,14172	2,29856	9,86770,80434	1,92870	9,96188,33738	4,22726	10,03811,66262	40	
	30	9,82961,44028	2,29833	9,86768,87564	1,92888	9,96192,56464	4,22721	10,03807,43536	30	
	40	9,82963,73861	2,29811	9,86766,94676	1,92907	9,96196,79185	4,22718	10,03803,20815	20	
	50	9,82966,03672	2,29788	9,86765,01769	1,92926	9,96201,01903	4,22714	10,03798,98097	10	
30	0	9,82968,33460	2,29765	9,86763,08843	1,92944	9,96205,24617	4,22709	10,03794,75383	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
30	0	9,82968,33460	2,29765	9,86763,08843	1,92944	9,96205,24617	4,22709	10,03794,75383	0	30
	10	9,82970,63225	2,29743	9,86761,15899	1,92963	9,96209,47326	4,22706	10,03790,52674	50	
	20	9,82972,92968	2,29721	9,86759,22936	1,92982	9,96213,70032	4,22703	10,03786,29968	40	
	30	9,82975,22689	2,29690	9,86757,29954	1,93001	9,96217,92735	4,22700	10,03782,07265	30	
	40	9,82977,52388	2,29670	9,86755,36953	1,93020	9,96222,15435	4,22696	10,03777,84565	20	
	50	9,82979,82064	2,29655	9,86753,43933	1,93039	9,96226,38131	4,22694	10,03773,61869	10	
31	0	9,82982,11719	2,29632	9,86751,50894	1,93058	9,96230,60825	4,22690	10,03769,39175	0	29
	10	9,82984,41351	2,29611	9,86749,57836	1,93077	9,96234,83515	4,22688	10,03765,16485	50	
	20	9 82986,70962	2,29587	9,86747,64759	1,93095	9,96239,06203	4,22682	10,03760,93797	40	
	30	9,82989,00549	2,29565	9,86745,71664	1,93114	9,96243,28885	4,22679	10,03756,71125	30	
	40	9,82991,30114	2,29542	9,86743,78550	1,93132	9,96247,51564	4,22674	10,03752 48436	20	
	50	9,82993,59656	2,29519	9,86741,85418	1,93151	9,96251,74238	4,22670	10,03748,25762	10	
32	0	9,82995,89175	2,29498	9,86739,92267	1,93170	9,96255,96908	4,22668	10,03744,03092	0	28
	10	9,82998,18673	2,29475	9,86737,99097	1,93189	9,96260,19576	4,22664	10,03739,80424	50	
	20	9,83000,48148	2,29454	9,86736,05908	1,93208	9,96264,42240	4,22662	10,03735,57760	40	
	30	9,83002,77602	2,29431	9,86734,12700	1,93227	9,96268,64902	4,22658	10,03731,35098	30	
	40	9,83005,07033	2,29408	9,86732,19473	1,93245	9,96272,87560	4,22653	10,03727,12440	20	
	50	9,83007,36441	2,29386	9,86730,26228	1,93264	9,96277,10213	4,22650	10,03722,89787	10	
33	0	9,83009,65827	2,29364	9,86728,32964	1,93283	9,96281,32863	4,22647	10,03718,67137	0	27
	10	9,83011,95191	2,29342	9,86726,39681	1,93302	9,96285,55510	4,22644	10,03714,44490	50	
	20	9,83014,24533	2,29319	9,86724,46379	1,93321	9,96289,78154	4,22640	10,03710,21846	40	
	30	9,83016,53852	2,29296	9,86722,53058	1,93339	9,96294,00794	4,22635	10,03705,99206	30	
	40	9,83018,83148	2,29274	9,86720,59719	1,93358	9,96298,23429	4,22632	10,03701,76571	20	
	50	9,83021,12422	2,29252	9,86718,66361	1,93377	9,96302,46061	4,22629	10,03697,53939	10	
34	0	9,83023,41674	2,29229	9,86716,72984	1,93395	9,96306,68690	4,22624	10,03693,31310	0	26
	10	9,83025,70903	2,29208	9,86714,79589	1,93415	9,96310,91314	4,22623	10,03689,08686	50	
	20	9,83028,00111	2,29186	9,86712,86174	1,93434	9,96315,13937	4,22620	10,03684,86063	40	
	30	9,83030,29297	2,29163	9,86710,92740	1,93452	9,96319,36557	4,22615	10,03680,63443	30	
	40	9,83032,58460	2,29141	9,86708,99288	1,93471	9,96323,59172	4,22612	10,03676,40828	20	
	50	9,83034,87601	2,29118	9,86707,05817	1,93490	9,96327,81784	4,22608	10,03672,18216	10	
35	0	9,83037,16719	2,29096	9,86705,12327	1,93509	9,96332,04392	4,22605	10,03667,95608	0	25
	10	9,83039,45815	2,29074	9,86703,18818	1,93528	9,96336,26997	4,22602	10,03663,73003	50	
	20	9,83041,74889	2,29051	9,86701,25290	1,93546	9,96340,49599	4,22597	10,03659,50401	40	
	30	9,83044,03940	2,29029	9,86699,31744	1,93565	9,96344,72196	4,22594	10,03655,27804	30	
	40	9,83046,32969	2,29006	9,86697,38179	1,93584	9,96348,94790	4,22590	10,03651,05210	20	
	50	9,83048,61975	2,28985	9,86695,44595	1,93603	9,96353,17380	4,22588	10,03646,82620	10	
36	0	9,83050,90960	2,28962	9,86693,50992	1,93621	9,96357,39968	4,22583	10,03642,60032	0	24
	10	9,83053,19922	2,28940	9,86691,57371	1,93641	9,96361,62551	4,22581	10,03638,37449	50	
	20	9,83055,48862	2,28918	9,86689,63730	1,93660	9,96365,85132	4,22578	10,03634,14868	40	
	30	9,83057,77780	2,28896	9,86687,70070	1,93679	9,96370,07710	4,22575	10,03629,92290	30	
	40	9,83060,06676	2,28873	9,86685,76391	1,93697	9,96374,30285	4,22570	10,03625,69715	20	
	50	9,83062,35549	2,28851	9,86683,82694	1,93716	9,96378,52855	4,22567	10,03621,47143	10	
37	0	9,83064,64400	2,28829	9,86681,88978	1,93735	9,96382,75422	4,22564	10,03617,24578	0	23
	10	9,83066,93229	2,28807	9,86679,95243	1,93754	9,96386,97986	4,22561	10,03613,02014	50	
	20	9,83069,22036	2,28785	9,86678,01489	1,93773	9,96391,20547	4,22558	10,03608,79453	40	
	30	9,83071,50821	2,28761	9,86676,07716	1,93791	9,96395,43105	4,22552	10,03604,56895	30	
	40	9,83073,79582	2,28740	9,86674,13925	1,93810	9,96399,65657	4,22550	10,03600,34343	20	
	50	9,83076,08322	2,28717	9,86672,20115	1,93829	9,96403,88207	4,22546	10,03596,11793	10	
38	0	9,83078,37039	2,28695	9,86670,26286	1,93848	9,96408,10753	4,22543	10,03591,89247	0	22
	10	9,83080,65734	2,28672	9,86668,32438	1,93866	9,96412,33296	4,22538	10,03587,66704	50	
	20	9,83082,94406	2,28650	9,86666,38572	1,93885	9,96416,55834	4,22535	10,03583,44166	40	
	30	9,83085,23056	2,28629	9,86664,44687	1,93905	9,96420,78369	4,22534	10,03579,21631	30	
	40	9,83087,51685	2,28606	9,86662,50782	1,93924	9,96425,00903	4,22530	10,03574,99097	20	
	50	9,83089,80291	2,28585	9,86660,56858	1,93943	9,96429,23433	4,22528	10,03570,76567	10	
39	0	9,83092,08876	2,28561	9,86658,62915	1,93961	9,96433,45961	4,22522	10,03566,54039	0	21
	10	9,83094,37437	2,28540	9,86656,68954	1,93980	9,96437,68483	4,22520	10,03562,31517	50	
	20	9,83096,65977	2,28517	9,86654,74974	1,93999	9,96441,91003	4,22516	10,03558,08997	40	
	30	9,83098,94494	2,28495	9,86652,80975	1,94018	9,96446,13519	4,22513	10,03553,86481	30	
	40	9,83101,22989	2,28473	9,86650,86957	1,94037	9,96450,36032	4,22510	10,03549,63968	20	
	50	9,83103,51462	2,28451	9,86648,92920	1,94056	9,96454,58542	4,22507	10,03545,41458	10	
40	0	9,83105,79913		9,86646,98864		9,96458,81049		10,03541,18951	0	20
		Sin. Compl.	2,28429	SINVVM	1,94075	Tang.compl	4,22504	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.	S	M
40	0	9,83105,79913	2,28429	9,86646,98864	1,94075	9,96458,81049	4,22504	10,03541,18951	0	20
	10	9,83108,08342	2,28405	9,86645,04789	1,94093	9,96463,03553	4,22498	10,03536,96447	50	
	20	9,83110,36747	2,28384	9,86643,10696	1,94112	9,96467,26051	4,22496	10,03532,73949	40	
	30	9,83112,65131	2,28361	9,86641,16584	1,94131	9,96471,48547	4,22492	10,03528,51453	30	
	40	9,83114,93492	2,28340	9,86639,22453	1,94150	9,96475,71039	4,22490	10,03524,28961	20	
	50	9,83117,21832	2,28318	9,86637,28303	1,94169	9,96479,93529	4,22487	10,03520,06471	10	
41	0	9,83119,50150	2,28295	9,86635,34134	1,94188	9,96484,16016	4,22483	10,03515,83984	0	19
	10	9,83121,78445	2,28273	9,86633,39946	1,94207	9,96488,38499	4,22480	10,03511,61501	50	
	20	9,83124,06718	2,28251	9,86631,45739	1,94226	9,96492,60979	4,22477	10,03507,39021	40	
	30	9,83126,34060	2,28228	9,86629,51513	1,94244	9,96496,83456	4,22472	10,03503,16544	30	
	40	9,83128,63197	2,28206	9,86627,57269	1,94263	9,96501,05928	4,22469	10,03498,94072	20	
	50	9,83130,91403	2,28184	9,86625,63006	1,94282	9,96505,28397	4,22466	10,03494,71603	10	
42	0	9,83133,19587	2,28161	9,86623,68724	1,94300	9,96509,50863	4,22461	10,03490,49137	0	18
	10	9,83135,47748	2,28139	9,86621,74424	1,94320	9,96513,73324	4,22459	10,03486,26676	50	
	20	9,83137,75887	2,28117	9,86619,80104	1,94339	9,96517,95783	4,22456	10,03482,04217	40	
	30	9,83140,04004	2,28096	9,86617,85765	1,94358	9,96522,18239	4,22454	10,03477,81761	30	
	40	9,83142,32100	2,28073	9,86615,91407	1,94377	9,96526,40693	4,22450	10,03473,59307	20	
	50	9,83144,60173	2,28051	9,86613,97030	1,94396	9,96530,63143	4,22447	10,03469,36857	10	
43	0	9,83146,88224	2,28029	9,86612,02634	1,94415	9,96534,85590	4,22444	10,03465,14410	0	17
	10	9,83149,16253	2,28007	9,86610,08219	1,94434	9,96539,08034	4,22441	10,03460,91966	50	
	20	9,83151,44260	2,27985	9,86608,13785	1,94453	9,96543,30475	4,22438	10,03456,69525	40	
	30	9,83153,72245	2,27962	9,86606,19332	1,94471	9,96547,52913	4,22433	10,03452,47087	30	
	40	9,83156,00207	2,27940	9,86604,24861	1,94490	9,96551,75346	4,22430	10,03448,24654	20	
	50	9,83158,28147	2,27918	9,86602,30371	1,94509	9,96555,97776	4,22427	10,03444,02224	10	
44	0	9,83160,56065	2,27896	9,86600,35862	1,94528	9,96560,20203	4,22424	10,03439,79797	0	16
	10	9,83162,83961	2,27873	9,86598,41334	1,94547	9,96564,42627	4,22420	10,03435,57373	50	
	20	9,83165,11834	2,27851	9,86596,46787	1,94566	9,96568,65047	4,22417	10,03431,34953	40	
	30	9,83167,39685	2,27829	9,86594,52221	1,94585	9,96572,87464	4,22414	10,03427,12536	30	
	40	9,83169,67514	2,27808	9,86592,57636	1,94604	9,96577,09878	4,22412	10,03422,90122	20	
	50	9,83171,95322	2,27785	9,86590,63032	1,94623	9,96581,32290	4,22408	10,03418,67710	10	
45	0	9,83174,23107	2,27763	9,86588,68409	1,94642	9,96585,54698	4,22405	10,03414,45302	0	15
	10	9,83176,50870	2,27741	9,86586,73767	1,94661	9,96589,77103	4,22402	10,03410,22897	50	
	20	9,83178,78611	2,27719	9,86584,79106	1,94680	9,96593,99505	4,22399	10,03406,00495	40	
	30	9,83181,06330	2,27696	9,86582,84426	1,94698	9,96598,21904	4,22394	10,03401,78096	30	
	40	9,83183,34026	2,27673	9,86580,89728	1,94717	9,96602,44298	4,22390	10,03397,55702	20	
	50	9,83185,61699	2,27652	9,86578,95011	1,94736	9,96606,66688	4,22388	10,03393,33312	10	
46	0	9,83187,89351	2,27629	9,86577,00275	1,94755	9,96610,89076	4,22384	10,03389,10924	0	14
	10	9,83190,16980	2,27608	9,86575,05520	1,94774	9,96615,11460	4,22382	10,03384,88540	50	
	20	9,83192,44588	2,27585	9,86573,10746	1,94793	9,96619,33842	4,22378	10,03380,66158	40	
	30	9,83194,72173	2,27564	9,86571,15953	1,94812	9,96623,56220	4,22376	10,03376,43780	30	
	40	9,83196,99737	2,27541	9,86569,21141	1,94831	9,96627,78596	4,22372	10,03372,21404	20	
	50	9,83199,27278	2,27519	9,86567,26310	1,94850	9,96632,00968	4,22369	10,03367,99032	10	
47	0	9,83201,54797	2,27497	9,86565,31460	1,94869	9,96636,23337	4,22366	10,03363,76663	0	13
	10	9,83203,82294	2,27475	9,86563,36591	1,94888	9,96640,45703	4,22363	10,03359,54297	50	
	20	9,83206,09769	2,27453	9,86561,41703	1,94907	9,96644,68066	4,22360	10,03355,31934	40	
	30	9,83208,37222	2,27431	9,86559,46796	1,94926	9,96648,90426	4,22357	10,03351,09574	30	
	40	9,83210,64653	2,27409	9,86557,51870	1,94945	9,96653,12783	4,22354	10,03346,87217	20	
	50	9,83212,92062	2,27385	9,86555,56925	1,94963	9,96657,35137	4,22348	10,03342,64863	10	
48	0	9,83215,19447	2,27364	9,86553,61962	1,94982	9,96661,57485	4,22346	10,03338.42515	0	12
	10	9,83217,46811	2,27341	9,86551,66980	1,95001	9,96665,79831	4,22342	10,03334,20169	50	
	20	9,83219,74152	2,27320	9,86549,71979	1,95020	9,96670,02173	4,22340	10,03329,97827	40	
	30	9,83222,01472	2,27298	9,86547,76959	1,95040	9,96674,24513	4,22338	10,03325,75487	30	
	40	9,83224,28770	2,27277	9,86545,81919	1,95059	9,96678,46851	4,22336	10,03321,53149	20	
	50	9,83226,56047	2,27254	9,86543,86860	1,95078	9,96682,69187	4,22332	10,03317,30813	10	
49	0	9,83228,83301	2,27232	9,86541,91782	1,95097	9,96686,91519	4,22329	10,03313,08481	0	11
	10	9,83231,10533	2,27210	9,86539,96685	1,95116	9,96691,13848	4,22326	10,03308,86152	50	
	20	9,83233,37743	2,27188	9,86538,01569	1,95135	9,96695,36174	4,22323	10,03304,63826	40	
	30	9,83235,64931	2,27165	9,86536,06434	1,95153	9,96699,58497	4,22318	10,03300,41503	30	
	40	9,83237,92096	2,27143	9,86534,11281	1,95172	9,96703,80815	4,22315	10,03296,19185	20	
	50	9,83240,19239	2,27121	9,86532,16109	1,95191	9,96708,03130	4,22312	10,03291,96870	10	
50	0	9,83242,46360	2,27099	9,86530,20918	1,95210	9,96712,25442	4,22309	10,03287,74558	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,83242,46360	2,27099	9,86530,20918	1,95210	9,96712,25442	4,22309	10,03287,74558	0	10
	10	9,83244,73459	2,27077	9,86528,25708	1,95229	9,96716,47751	4,22306	10,03283,52249	50	
	20	9,83247,00536	2,27054	9,86526,30479	1,95248	9,96720,70057	4,22302	10,03279,29943	40	
	30	9,83249,27590	2,27033	9,86524,35231	1,95267	9,96724,92359	4,22300	10,03275,07641	30	
	40	9,83251,54623	2,27011	9,86522,39964	1,95287	9,96729,14659	4,22298	10,03270,85341	20	
	50	9,83253,81634	2,26990	9,86520,44677	1,95306	9,96733,36957	4,22296	10,03266,63043	10	
51	0	9,83256,08624	2,26967	9,86518,49371	1,95325	9,96737,59253	4,22292	10,03262,40747	0	9
	10	9,83258,35591	2,26946	9,86516,54046	1,95344	9,96741,81545	4,22290	10,03258,18455	50	
	20	9,83260,62537	2,26922	9,86514,58702	1,95362	9,96746,03835	4,22284	10,03253,96165	40	
	30	9,83262,89459	2,26901	9,86512,63340	1,95381	9,96750,26119	4,22282	10,03249,73881	30	
	40	9,83265,16360	2,26878	9,86510,67959	1,95400	9,96754,48401	4,22278	10,03245,51599	20	
	50	9,83267,43238	2,26856	9,86508,72559	1,95419	9,96758,70679	4,22275	10,03241,29321	10	
52	0	9,83269,70094	2,26835	9,86506,77140	1,95439	9,96762,92954	4,22274	10,03237,07046	0	8
	10	9,83271,96929	2,26812	9,86504,81701	1,95457	9,96767,15228	4,22269	10,03232,84772	50	
	20	9,83274,23741	2,26790	9,86502,86244	1,95476	9,96771,37497	4,22266	10,03228,62503	40	
	30	9,83276,50531	2,26768	9,86500,90768	1,95495	9,96775,59763	4,22263	10,03224,40237	30	
	40	9,83278,77299	2,26746	9,86498,95273	1,95514	9,96779,82026	4,22260	10,03220,17974	20	
	50	9,83281,04045	2,26723	9,86496,99759	1,95533	9,96784,04286	4,22256	10,03215,95714	10	
53	0	9,83283,30768	2,26702	9,86495,04226	1,95552	9,96788,26542	4,22254	10,03211,73458	0	7
	10	9,83285,57470	2,26679	9,86493,08674	1,95571	9,96792,48796	4,22250	10,03207,51204	50	
	20	9,83287,84149	2,26658	9,86491,13103	1,95590	9,96796,71046	4,22248	10,03203,28954	40	
	30	9,83290,10807	2,26635	9,86489,17513	1,95609	9,96800,93294	4,22244	10,03199,06706	30	
	40	9,83292,37442	2,26615	9,86487,21904	1,95629	9,96805,15538	4,22244	10,03194,84462	20	
	50	9,83294,64057	2,26593	9,86485,26275	1,95648	9,96809,37782	4,22241	10,03190,62218	10	
54	0	9,83296,90650	2,26571	9,86483,30627	1,95667	9,96813,60023	4,22238	10,03186,39977	0	6
	10	9,83299,17221	2,26548	9,86481,34960	1,95686	9,96817,82261	4,22234	10,03182,17739	50	
	20	9,83301,43769	2,26526	9,86479,39274	1,95705	9,96822,04495	4,22231	10,03177,95505	40	
	30	9,83303,70295	2,26503	9,86477,43569	1,95723	9,96826,26726	4,22226	10,03173,73274	30	
	40	9,83305,96798	2,26481	9,86475,47846	1,95742	9,96830,48952	4,22223	10,03169,51048	20	
	50	9,83308,23279	2,26459	9,86473,52104	1,95761	9,96834,71175	4,22220	10,03165,28825	10	
55	0	9,83310,49738	2,26437	9,86471,56343	1,95780	9,96838,93395	4,22217	10,03161,06605	0	5
	10	9,83312,76175	2,26415	9,86469,60563	1,95799	9,96843,15612	4,22214	10,03156,84388	50	
	20	9,83315,02590	2,26394	9,86467,64764	1,95819	9,96847,37826	4,22213	10,03152,62174	40	
	30	9,83317,28984	2,26372	9,86465,68945	1,95838	9,96851,60039	4,22210	10,03148,39961	30	
	40	9,83319,55356	2,26350	9,86463,73107	1,95857	9,96855,82249	4,22207	10,03144,17751	20	
	50	9,83321,81706	2,26328	9,86461,77250	1,95876	9,96860,04456	4,22204	10,03139,95544	10	
56	0	9,83324,08034	2,26306	9,86459,81374	1,95895	9,96864,26660	4,22201	10,03135,73340	0	4
	10	9,83326,34340	2,26284	9,86457,85479	1,95914	9,96868,48861	4,22198	10,03131,51139	50	
	20	9,83328,60624	2,26262	9,86455,89565	1,95933	9,96872,71059	4,22195	10,03127,28941	40	
	30	9,83330,86886	2,26240	9,86453,93632	1,95952	9,96876,93254	4,22192	10,03123,06746	30	
	40	9,83333,13126	2,26217	9,86451,97680	1,95971	9,96881,15446	4,22188	10,03118,84554	20	
	50	9,83335,39343	2,26196	9,86450,01709	1,95990	9,96885,37634	4,22186	10,03114,62366	10	
57	0	9,83337,65539	2,26175	9,86448,05719	1,96010	9,96889,59820	4,22185	10,03110,40180	0	3
	10	9,83339,91714	2,26152	9,86446,09709	1,96029	9,96893,82005	4,22181	10,03106,17995	50	
	20	9,83342,17866	2,26129	9,86444,13680	1,96047	9,96898,04186	4,22176	10,03101,95814	40	
	30	9,83344,43995	2,26108	9,86442,17633	1,96066	9,96902,26362	4,22174	10,03097,73638	30	
	40	9,83346,70103	2,26085	9,86440,21567	1,96085	9,96906,48536	4,22170	10,03093,51464	20	
	50	9,83448,96188	2,26063	9,86438,25482	1,96104	9,96910,70706	4,22167	10,03089,29294	10	
58	0	9,83351,22251	2,26041	9,86436,29378	1,96123	9,96914,92873	4,22164	10,03085,07127	0	2
	10	9,83353,48292	2,26020	9,86434,33255	1,96142	9,96919,15037	4,22162	10,03080,84963	50	
	20	9,83355,74312	2,25998	9,86432,37113	1,96162	9,96923,37199	4,22160	10,03076,62801	40	
	30	9,83358,00310	2,25977	9,86430,40951	1,96181	9,96927,59359	4,22158	10,03072,40641	30	
	40	9,83360,26287	2,25954	9,86428,44770	1,96200	9,96931,81517	4,22154	10,03068,18483	20	
	50	9,83362,52241	2,25932	9,86426,48570	1,96219	9,96936,03671	4,22151	10,03063,96329	10	
59	0	9,83364,78173	2,25910	9,86424,52351	1,96238	9,96940,25822	4,22148	10,03059,74178	0	1
	10	9,83367,04083	2,25888	9,86422,56113	1,96257	9,96944,47970	4,22145	10,03055,52030	50	
	20	9,83369,29971	2,25866	9,86420,59856	1,96276	9,96948,70115	4,22142	10,03051,29885	40	
	30	9,83371,55837	2,25844	9,86418,63580	1,96295	9,96952,92257	4,22139	10,03047,07743	30	
	40	9,83373,81681	2,25822	9,86416,67285	1,96314	9,96957,14396	4,22136	10,03042,85604	20	
	50	9,83376,07503	2,25800	9,86414,70971	1,96333	9,96961,36532	4,22133	10,03038,63468	10	
60	0	9,83378,33303		9,86412,74638		9,96965,58665		10,03034,41335	0	0
		Sin. Compl.	2,25778	SINVVM	1,96352	Tang.compl	4,22130	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
0	0	9,83378,33303	2,25778	9,86412,74638	1,96352	9,96965,58665	4,22130	10,03034,41335	0	60
	10	9,83380,59081	2,25756	9,86410,78286	1,96371	9,96969,80795	4,22127	10,03030,19205	50	
	20	9,83382,84837	2,25735	9,86408,81915	1,96391	9,96974,02922	4,22126	10,03025,97078	40	
	30	9,83385,10572	2,25713	9,86406,85524	1,96410	9,96978,25048	4,22123	10,03021,74952	30	
	40	9,83387,36285	2,25691	9,86404,89114	1,96429	9,96982,47171	4,22120	10,03017,52829	20	
	50	9,83389,61976	2,25668	9,86402,92685	1,96448	9,96986,69291	4,22116	10,03013,30709	10	
1	0	9,83391,87644	2,25647	9,86400,96237	1,96467	9,96990,91407	4,22114	10,03009,08593	0	59
	10	9,83394,13291	2,25624	9,86398,99770	1,96486	9,96995,13521	4,22110	10,03004,86479	50	
	20	9,83396,38915	2,25603	9,86397,03284	1,96505	9,96999,35631	4,22108	10,03000,64369	40	
	30	9,83398,64518	2,25580	9,86395,06779	1,96524	9,97003,57739	4,22104	10,02996,42261	30	
	40	9,83400,90098	2,25559	9,86393,10255	1,96543	9,97007,79843	4,22102	10,02992,20157	20	
	50	9,83403,15657	2,25537	9,86391,13712	1,96562	9,97012,01945	4,22099	10,02987,98055	10	
2	0	9,83405,41194	2,25515	9,86389,17150	1,96581	9,97016,24044	4,22096	10,02983,75956	0	58
	10	9,83407,66709	2,25493	9,86387,20569	1,96601	9,97020,46140	4,22094	10,02979,53860	50	
	20	9,83409,92202	2,25472	9,86385,23968	1,96620	9,97024,68234	4,22092	10,02975,31766	40	
	30	9,83412,17674	2,25449	9,86383,27348	1,96639	9,97028,90326	4,22088	10,02971,09674	30	
	40	9,83414,43123	2,25428	9,86381,30709	1,96658	9,97033,12414	4,22086	10,02966,87586	20	
	50	9,83416,68551	2,25406	9,86379,34051	1,96677	9,97037,34500	4,22083	10,02962,65500	10	
3	0	9,83418,93957	2,25384	9,86377,37374	1,96696	9,97041,56583	4,22080	10,02958,43417	0	57
	10	9,83421,19341	2,25361	9,86375,40678	1,96715	9,97045,78663	4,22076	10,02954,21337	50	
	20	9,83423,44702	2,25339	9,86373,43963	1,96734	9,97050,00739	4,22073	10,02949,99261	40	
	30	9,83425,70041	2,25318	9,86371,47229	1,96754	9,97054,22812	4,22072	10,02945,77188	30	
	40	9,83427,95359	2,25297	9,86369,50475	1,96773	9,97058,44884	4,22070	10,02941,55116	20	
	50	9,83430,20656	2,25274	9,86367,53702	1,96792	9,97062,66954	4,22066	10,02937,33046	10	
4	0	9,83432,45930	2,25252	9,86365,56910	1,96811	9,97066,89020	4,22063	10,02933,10980	0	56
	10	9,83434,71182	2,25230	9,86363,60099	1,96830	9,97071,11083	4,22060	10,02928,88917	50	
	20	9,83436,96412	2,25209	9,86361,63269	1,96849	9,97075,33143	4,22058	10,02924,66857	40	
	30	9,83439,21621	2,25186	9,86359,66420	1,96868	9,97079,55201	4,22054	10,02920,44799	30	
	40	9,83441,46807	2,25166	9,86357,69552	1,96888	9,97083,77255	4,22054	10,02916,22745	20	
	50	9,83443,71973	2,25143	9,86355,72664	1,96907	9,97087,99309	4,22050	10,02912,00691	10	
5	0	9,83445,97116	2,25122	9,86353,75757	1,96926	9,97092,21359	4,22048	10,02907,78641	0	55
	10	9,83448,22238	2,25099	9,86351,78831	1,96945	9,97096,43407	4,22044	10,02903,56593	50	
	20	9,83450,47337	2,25077	9,86349,81886	1,96964	9,97100,65451	4,22041	10,02899,34549	40	
	30	9,83452,72414	2,25055	9,86347,84922	1,96983	9,97104,87492	4,22038	10,02895,12508	30	
	40	9,83454,97469	2,25034	9,86345,87939	1,97002	9,97109,09530	4,22036	10,02890,90470	20	
	50	9,83457,22503	2,25011	9,86343,90937	1,97021	9,97113,31566	4,22032	10,02886,68434	10	
6	0	9,83459,47514	2,24990	9,86341,93916	1,97041	9,97117,53598	4,22031	10,02882,46402	0	54
	10	9,83461,72504	2,24968	9,86339,96875	1,97060	9,97121,75629	4,22028	10,02878,24371	50	
	20	9,83463,97472	2,24946	9,86337,99815	1,97079	9,97125,97657	4,22025	10,02874,02343	40	
	30	9,83466,22418	2,24924	9,86336,02736	1,97098	9,97130,19682	4,22022	10,02869,80318	30	
	40	9,83468,47342	2,24902	9,86334,05638	1,97117	9,97134,41704	4,22019	10,02865,58296	20	
	50	9,83470,72244	2,24880	9,86332,08521	1,97136	9,97138,63723	4,22016	10,02861,36277	10	
7	0	9,83472,97124	2,24858	9,86330,11385	1,97155	9,97142,85739	4,22013	10,02857,14261	0	53
	10	9,83475,21982	2,24836	9,86328,14230	1,97174	9,97147,07752	4,22010	10,02852,92248	50	
	20	9,83477,46818	2,24816	9,86326,17056	1,97194	9,97151,29762	4,22010	10,02848,70238	40	
	30	9,83479,71634	2,24793	9,86324,19862	1,97213	9,97155,51772	4,22006	10,02844,48228	30	
	40	9,83481,96427	2,24771	9,86322,22649	1,97232	9,97159,73778	4,22003	10,02840,26222	20	
	50	9,83484,21198	2,24749	9,86320,25417	1,97251	9,97163,95781	4,22000	10,02836,04219	10	
8	0	9,83486,45947	2,24728	9,86318,28166	1,97271	9,97168,17781	4,21999	10,02831,82219	0	52
	10	9,83488,70675	2,24706	9,86316,30895	1,97290	9,97172,39780	4,21996	10,02827,60220	50	
	20	9,83490,95381	2,24684	9,86314,33605	1,97309	9,97176,61776	4,21993	10,02823,38224	40	
	30	9,83493,20065	2,24662	9,86312,36296	1,97328	9,97180,83769	4,21990	10,02819,16231	30	
	40	9,83495,44727	2,24640	9,86310,38968	1,97347	9,97185,05759	4,21987	10,02814,94241	20	
	50	9,83497,69367	2,24618	9,86308,41621	1,97366	9,97189,27746	4,21984	10,02810,72254	10	
9	0	9,83499,93985	2,24596	9,86306,44255	1,97385	9,97193,49730	4,21981	10,02806,50270	0	51
	10	9,83502,18581	2,24575	9,86304,46870	1,97405	9,97197,71711	4,21980	10,02802,28289	50	
	20	9,83504,43156	2,24554	9,86302,49465	1,97424	9,97201,93691	4,21978	10,02798,06309	40	
	30	9,83506,67710	2,24531	9,86300,52041	1,97443	9,97206,15669	4,21974	10,02793,84331	30	
	40	9,83508,92241	2,24509	9,86298,54598	1,97462	9,97210,37643	4,21971	10,02789,62357	20	
	50	9,83511,16750	2,24488	9,86296,57136	1,97481	9,97214,59614	4,21969	10,02785,40386	10	
10	0	9,83513,41238	2,24464	9,86294,59655	1,97500	9,97218,81583	4,21964	10,02781,18417	0	50
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,83513,41238	2,24464	9,86294,59655	1,97500	9,97218,81583	4,21964	10,02781,18417	0	50
	10	9,83515,65702	2,24443	9,86292,62155	1,97519	9,97223,03547	4,21962	10,02776,96453	50	
	20	9,83517,90145	2,24422	9,86290,64636	1,97539	9,97227,25509	4,21961	10,02772,74491	40	
	30	9,83520,14567	2,24401	9,86288,67097	1,97559	9,97231,47470	4,21960	10,02768,52530	30	
	40	9,83522,38968	2,24379	9,86286,69538	1,97578	9,97235,69430	4,21957	10,02764,30570	20	
	50	9,83524,63347	2,24357	9,86284,71960	1,97597	9,97239,91387	4,21954	10,02760,08613	10	
11	0	9,83526,87704	2,24336	9,86282,74363	1,97617	9,97244,13341	4,21953	10,02755,86659	0	49
	10	9,83529,12040	2,24314	9,86280,76746	1,97636	9,97248,35294	4,21950	10,02751,64706	50	
	20	9,83531,36354	2,24291	9,86278,79110	1,97654	9,97252,57244	4,21945	10,02747,42756	40	
	30	9,83533,60645	2,24269	9,86276,81456	1,97673	9,97256,79189	4,21942	10,02743,20811	30	
	40	9,83535,84914	2,24248	9,86274,83783	1,97692	9,97261,01131	4,21940	10,02738,98869	20	
	50	9,83538,09162	2,24225	9,86272,86091	1,97711	9,97265,23071	4,21936	10,02734,76929	10	
12	0	9,83540,33387	2,24203	9,86270,88380	1,97730	9,97269,45007	4,21933	10,02730,54993	0	48
	10	9,83542,57590	2,24182	9,86268,90650	1,97750	9,97273,66940	4,21932	10,02726,33060	50	
	20	9,83544,81772	2,24161	9,86266,92900	1,97770	9,97277,88872	4,21931	10,02722,11128	40	
	30	9,83547,05933	2,24139	9,86264,95130	1,97789	9,97282,10803	4,21928	10,02717,89197	30	
	40	9,83549,30072	2,24118	9,86262,97341	1,97808	9,97286,32731	4,21926	10,02713,67269	20	
	50	9,83551,54190	2,24095	9,86260,99533	1,97827	9,97290,54657	4,21922	10,02709,45343	10	
13	0	9,83553,78285	2,24074	9,86259,01706	1,97847	9,97294,76579	4,21921	10,02705,23421	0	47
	10	9,83556,02359	2,24052	9,86257,03859	1,97866	9,97298,98500	4,21918	10,02701,01500	50	
	20	9,83558,26411	2,24030	9,86255,05993	1,97885	9,97303,20418	4,21915	10,02696,79582	40	
	30	9,83560,50441	2,24008	9,86253,08108	1,97904	9,97307,42333	4,21912	10,02692,57667	30	
	40	9,83562,74449	2,23987	9,86251,10204	1,97923	9,97311,64245	4,21910	10,02688,35755	20	
	50	9,83564,98436	2,23964	9,86249,12281	1,97942	9,97315,86155	4,21906	10,02684,13845	10	
14	0	9,83567,22400	2,23942	9,86247,14339	1,97961	9,97320,08061	4,21903	10,02679,91939	0	46
	10	9,83569,46342	2,23921	9,86245,16378	1,97981	9,97324,29964	4,21902	10,02675,70036	50	
	20	9,83571,70263	2,23899	9,86243,18397	1,98000	9,97328,51866	4,21899	10,02671,48134	40	
	30	9,83573,94162	2,23877	9,86241,20397	1,98019	9,97332,73765	4,21896	10,02667,26235	30	
	40	9,83576,18039	2,23857	9,86239,22378	1,98039	9,97336,95661	4,21896	10,02663,04339	20	
	50	9,83578,41896	2,23834	9,86237,24339	1,98058	9,97341,17557	4,21892	10,02658,82443	10	
15	0	9,83580,65730	2,23813	9,86235,26281	1,98077	9,97345,39449	4,21890	10,02654,60551	0	45
	10	9,83582,89543	2,23790	9,86233,28204	1,98096	9,97349,61339	4,21886	10,02650,38661	50	
	20	9,83585,13333	2,23769	9,86231,30108	1,98116	9,97353,83225	4,21885	10,02646,16775	40	
	30	9,83587,37102	2,23747	9,86229,31992	1,98135	9,97358,05110	4,21882	10,02641,94890	30	
	40	9,83589,60849	2,23726	9,86227,33857	1,98154	9,97362,26992	4,21880	10,02637,73008	20	
	50	9,83591,84575	2,23703	9,86225,35703	1,98173	9,97366,48872	4,21876	10,02633,51128	10	
16	0	9,83594,08278	2,23682	9,86223,37530	1,98192	9,97370,70748	4,21874	10,02629,29252	0	44
	10	9,83596,31960	2,23660	9,86221,39338	1,98212	9,97374,92622	4,21872	10,02625,07378	50	
	20	9,83598,55620	2,23639	9,86219,41126	1,98231	9,97379,14494	4,21870	10,02620,85506	40	
	30	9,83600,79259	2,23616	9,86217,42895	1,98250	9,97383,36364	4,21866	10,02616,63636	30	
	40	9,83603,02875	2,23596	9,86215,44645	1,98270	9,97387,58230	4,21866	10,02612,41770	20	
	50	9,83605,26471	2,23573	9,86213,46375	1,98289	9,97391,80096	4,21862	10,02608,19904	10	
17	0	9,83607,50044	2,23552	9,86211,48086	1,98308	9,97396,01958	4,21860	10,02603,98042	0	43
	10	9,83609,73596	2,23530	9,86209,49778	1,98328	9,97400,23818	4,21858	10,02599,76182	50	
	20	9,83611,97126	2,23509	9,86207,51450	1,98347	9,97404,45676	4,21856	10,02595,54324	40	
	30	9,83614,20635	2,23486	9,86205,53103	1,98366	9,97408,67532	4,21852	10,02591,32468	30	
	40	9,83616,44121	2,23465	9,86203,54737	1,98385	9,97412,89384	4,21850	10,02587,10616	20	
	50	9,83618,67586	2,23443	9,86201,56352	1,98404	9,97417,11234	4,21847	10,02582,88766	10	
18	0	9,83620,91029	2,23422	9,86199,57948	1,98425	9,97421,33081	4,21847	10,02578,66919	0	42
	10	9,83623,14451	2,23400	9,86197,59523	1,98443	9,97425,54928	4,21843	10,02574,45072	50	
	20	9,83625,37851	2,23378	9,86195,61080	1,98462	9,97429,76771	4,21840	10,02570,23229	40	
	30	9,83627,61229	2,23355	9,86193,62618	1,98481	9,97433,98611	4,21836	10,02566,01389	30	
	40	9,83629,84584	2,23335	9,86191,64137	1,98501	9,97438,20447	4,21836	10,02561,79553	20	
	50	9,83632,07919	2,23313	9,86189,65636	1,98520	9,97442,42283	4,21833	10,02557,57717	10	
19	0	9,83634,31232	2,23291	9,86187,67116	1,98539	9,97446,64116	4,21830	10,02553,35884	0	41
	10	9,83636,54523	2,23269	9,86185,68577	1,98558	9,97450,85946	4,21827	10,02549,14054	50	
	20	9,83638,77792	2,23248	9,86183,70019	1,98578	9,97455,07773	4,21826	10,02544,92227	40	
	30	9,83641,01040	2,23226	9,86181,71441	1,98597	9,97459,29599	4,21823	10,02540,70401	30	
	40	9,83643,24266	2,23205	9,86179,72844	1,98617	9,97463,51422	4,21822	10,02536,48578	20	
	50	9,83645,47471	2,23182	9,86177,74227	1,98636	9,97467,73244	4,21818	10,02532,26756	10	
20	0	9,83647,70653	2,23162	9,86175,75591	1,98655	9,97471,95062	4,21817	10,02528,04938	0	40
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,83647,70653	2,23162	9,86175,75591	1,98655	9,97471,95062	4,21817	10,02528,04938	0	40
	10	9,83649,93815	2,23139	9,86173,76936	1,98674	9,97476,16879	4,21813	10,02523,83121	50	
	20	9,83652,16954	2,23118	9,86171,78262	1,98694	9,97480,38692	4,21812	10,02519,61308	40	
	30	9,83654,40072	2,23096	9,86169,79568	1,98713	9,97484,60504	4,21809	10,02515,39496	30	
	40	9,83656,63168	2,23074	9,86167,80855	1,98732	9,97488,82313	4,21806	10,02511,17687	20	
	50	9,83658,86242	2,23053	9,86165,82123	1,98752	9,97493,04119	4,21805	10,02506,95881	10	
21	0	9,83661,09295	2,23032	9,86163,83371	1,98772	9,97497,25924	4,21804	10,02502,74076	0	39
	10	9,83663,32327	2,23011	9,86161,84599	1,98791	9,97501,47728	4,21802	10,02498,52272	50	
	20	9,83665,55338	2,22988	9,86159,85808	1,98810	9,97505,69530	4,21798	10,02494,30470	40	
	30	9,83667,78326	2,22966	9,86157,86998	1,98829	9,97509,91328	4,21795	10,02490,08672	30	
	40	9,83670,01292	2,22944	9,86155,88069	1,98848	9,97514,13123	4,21792	10,02485,86877	20	
	50	9,83672,24236	2,22922	9,86153,89321	1,98867	9,97518,34915	4,21789	10,02481,65085	10	
22	0	9,83674,47158	2,22902	9,86151,90454	1,98887	9,97522,56704	4,21789	10,02477,43297	0	38
	10	9,83676,70060	2,22880	9,86149,91567	1,98906	9,97526,78493	4,21786	10,02473,21507	50	
	20	9,83678,92940	2,22857	9,86147,92661	1,98925	9,97531,00279	4,21782	10,02468,99721	40	
	30	9,83681,15797	2,22836	9,86145,93736	1,98944	9,97535,22061	4,21780	10,02464,77939	30	
	40	9,83683,38633	2,22814	9,86143,94792	1,98964	9,97539,43841	4,21778	10,02460,56159	20	
	50	9,83685,61447	2,22793	9,86141,95828	1,98983	9,97543,65619	4,21776	10,02456,34381	10	
23	0	9,83687,84240	2,22770	9,86139,96845	1,99002	9,97547,87395	4,21772	10,02452,12605	0	37
	10	9,83690,07010	2,22750	9,86137,97843	1,99022	9,97552,09167	4,21772	10,02447,90833	50	
	20	9,83692,29760	2,22729	9,86135,98821	1,99042	9,97556,30939	4,21771	10,02443,69061	40	
	30	9,83694,52489	2,22707	9,86133,99779	1,99061	9,97560,52710	4,21768	10,02439,47290	30	
	40	9,83696,75196	2,22685	9,86132,00718	1,99080	9,97564,74478	4,21765	10,02435,25522	20	
	50	9,83698,97881	2,22663	9,86130,01638	1,99099	9,97568,96243	4,21762	10,02431,03757	10	
24	0	9,83701,20544	2,22642	9,86128,02539	1,99119	9,97573,18005	4,21761	10,02426,81995	0	36
	10	9,83703,43186	2,22621	9,86126,03420	1,99139	9,97577,39766	4,21760	10,02422,60234	50	
	20	9,83705,65807	2,22599	9,86124,04281	1,99158	9,97581,61526	4,21757	10,02418,38474	40	
	30	9,83707,88406	2,22577	9,86122,05123	1,99176	9,97585,83283	4,21754	10,02414,16717	30	
	40	9,83710,10984	2,22554	9,86120,05947	1,99195	9,97590,05037	4,21749	10,02409,94963	20	
	50	9,83712,33538	2,22531	9,86118,06752	1,99215	9,97594,26786	4,21747	10,02405,73214	10	
25	0	9,83714,56069	2,22513	9,86116,07537	1,99236	9,97598,48533	4,21747	10,02401,51468	0	35
	10	9,83716,78582	2,22491	9,86114,08301	1,99255	9,97602,70280	4,21746	10,02397,29720	50	
	20	9,83719,01073	2,22468	9,86112,09046	1,99273	9,97606,92026	4,21742	10,02393,07974	40	
	30	9,83721,23541	2,22446	9,86110,09773	1,99292	9,97611,13768	4,21738	10,02388,86232	30	
	40	9,83723,45987	2,22426	9,86108,10481	1,99312	9,97615,35506	4,21738	10,02384,64494	20	
	50	9,83725,68413	2,22403	9,86106,11169	1,99331	9,97619,57244	4,21734	10,02380,42756	10	
26	0	9,83727,90816	2,22383	9,86104,11838	1,99351	9,97623,78978	4,21734	10,02376,21022	0	34
	10	9,83730,13199	2,22360	9,86102,12487	1,99370	9,97628,00712	4,21730	10,02371,99288	50	
	20	9,83732,35559	2,22340	9,86100,13117	1,99390	9,97632,22442	4,21730	10,02367,77558	40	
	30	9,83734,57899	2,22317	9,86098,13727	1,99409	9,97636,44172	4,21726	10,02363,55828	30	
	40	9,83736,80216	2,22296	9,86096,14318	1,99428	9,97640,65898	4,21724	10,02359,34102	20	
	50	9,83739,02512	2,22275	9,86094,14890	1,99448	9,97644,87622	4,21723	10,02355,12378	10	
27	0	9,83741,24787	2,22253	9,86092,15442	1,99467	9,97649,09345	4,21720	10,02350,90655	0	33
	10	9,83743,47040	2,22230	9,86090,15975	1,99486	9,97653,31065	4,21716	10,02346,68935	50	
	20	9,83745,69270	2,22210	9,86088,16489	1,99506	9,97657,52781	4,21716	10,02342,47219	40	
	30	9,83747,91480	2,22187	9,86086,16983	1,99525	9,97661,74497	4,21712	10,02338,25503	30	
	40	9,83750,13667	2,22167	9,86084,17458	1,99545	9,97665,96209	4,21712	10,02334,03791	20	
	50	9,83752,35834	2,22145	9,86082,17913	1,99564	9,97670,17921	4,21709	10,02329,82079	10	
28	0	9,83754,57979	2,22124	9,86080,18349	1,99584	9,97674,39630	4,21708	10,02325,60370	0	32
	10	9,83756,80103	2,22102	9,86078,18765	1,99603	9,97678,61338	4,21705	10,02321,38662	50	
	20	9,83759,02205	2,22080	9,86076,19162	1,99622	9,97682,83043	4,21702	10,02317,16957	40	
	30	9,83761,24285	2,22058	9,86074,19540	1,99641	9,97687,04745	4,21699	10,02312,95255	30	
	40	9,83763,46343	2,22037	9,86072,19899	1,99661	9,97691,26444	4,21698	10,02308,73556	20	
	50	9,83765,68380	2,22016	9,86070,20238	1,99680	9,97695,48142	4,21696	10,02304,51858	10	
29	0	9,83767,90396	2,21993	9,86068,20558	1,99699	9,97699,69838	4,21692	10,02300,30162	0	31
	10	9,83770,12389	2,21973	9,86066,20859	1,99719	9,97703,91530	4,21692	10,02296,08470	50	
	20	9,83772,34362	2,21950	9,86064,21140	1,99738	9,97708,13222	4,21688	10,02291,86778	40	
	30	9,83774,56312	2,21930	9,86062,21402	1,99758	9,97712,34910	4,21688	10,02287,65090	30	
	40	9,83776,78242	2,21907	9,86060,21644	1,99777	9,97716,56598	4,21684	10,02283,43402	20	
	50	9,83779,00149	2,21887	9,86058,21867	1,99797	9,97720,78282	4,21684	10,02279,21718	10	
30	0	9,83781,22036	2,21864	9,86056,22070	1,99816	9,97724,99966	4,21680	10,02275,00034	0	30
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,83781,22036		9,86056,22070		9,97724,99966		10,02275,00034	0	30
	10	9,83783,43900	2,21864	9,86054,22254	1,99816	9,97729,21646	4,21680	10,02270,78354	50	
	20	9,83785,65743	2,21843	9,86052,22419	1,99835	9,97733,43324	4,21678	10,02266,56676	40	
	30	9,83787,87565	2,21822	9,86050,22564	1,99855	9,97737,65001	4,21677	10,02262,34999	30	
	40	9,83790,09365	2,21800	9,86048.22690	1,99874	9,97741,86675	4,21674	10,02258,13325	20	
	50	9,83792,31143	2,21778	9,86046,22796	1,99894	9,97746,08347	4,21672	10,02253,91653	10	
31	0	9,83794,52901	2,21758	9,86044,22882	1,99914	9,97750,30019	4,21672	10,02249,69981	0	29
	10	9,83796,74637	2,21736	9,86042,22949	1,99933	9,97754,51688	4,21669	10,02245,48312	50	
	20	9,83798,96351	2,21714	9,86040,22997	1,99952	9,97758,73354	4,21666	10,02241,26646	40	
	30	9,83801,18043	2,21692	9,86038,23026	1,99971	9,97762,95017	4,21663	10,02237,04983	30	
	40	9,83803,39714	2,21671	9,86036,23035	1,99991	9,97767,16679	4,21662	10,02232,83321	20	
	50	9,83805,61364	2,21650	9,86034,23025	2,00010	9,97771,38339	4,21660	10,02228,61661	10	
32	0	9,83807,82991	2,21627	9,86032,22995	2,00030	9,97775,59995	4,21656	10,02224,40005	0	28
	10	9,83810,04598	2,21607	9,86030,22946	2,00049	9,97779,81651	4,21656	10,02220,18349	50	
	20	9,83812,26182	2,21584	9,86028,22878	2,00068	9,97784,03304	4,21653	10,02215,96696	40	
	30	9,83814,47746	2,21564	9,86026,22790	2,00088	9,97788,24956	4,21652	10,02211,75044	30	
	40	9,83816,69287	2,21541	9,86024,22683	2,00107	9,97792,46604	4,21648	10,02207,53396	20	
	50	9,83818,90807	2,21520	9,86022,22557	2,00126	9,97796,68250	4,21646	10,02203,31750	10	
33	0	9,83821,12306	2,21499	9,86020,22411	2,00146	9,97800,89895	4,21645	10,02199,10105	0	27
	10	9,83823,33783	2,21477	9,86018,22246	2,00165	9,97805,11537	4,21642	10,02194,88463	50	
	20	9,83825,55239	2,21456	9,86016,22061	2,00185	9,97809,33178	4,21641	10,02190,66822	40	
	30	9,83827,76674	2,21435	9,86014,21856	2,00205	9,97813,54818	4,21640	10,02186,45182	30	
	40	9,83829,98087	2,21413	9,86012,21632	2,00224	9,97817,76455	4,21637	10,02182,23545	20	
	50	9,83832,19478	2,21391	9,86010,21389	2,00243	9,97821,98089	4,21634	10,02178,01911	10	
34	0	9,83834,40847	2,21369	9,86008,21127	2,00262	9,97826,19720	4,21631	10,02173,80280	0	26
	10	9,83836,62195	2,21348	9,86006,20845	2,00282	9,97830,41350	4,21630	10,02169,58650	50	
	20	9,83838,83521	2,21326	9,86004,20544	2,00301	9,97834,62977	4,21627	10,02165,37023	40	
	30	9,83841,04826	2,21305	9,86002,20223	2,00321	9,97838,84603	4,21626	10,02161,15397	30	
	40	9,83843,26109	2,21283	9,86000,19883	2,00340	9,97843,06226	4,21623	10,02156,93774	20	
	50	9,83845,47371	2,21262	9,85998,19523	2,00360	9,97847,27848	4,21622	10,02152,72152	10	
35	0	9,83847,68612	2,21241	9,85996,19144	2,00379	9,97851,49468	4,21620	10,02148,50532	0	25
	10	9,83849,89830	2,21218	9,85994,18746	2,00398	9,97855,71084	4,21616	10,02144,28916	50	
	20	9,83852,11028	2,21198	9,85992,18328	2,00418	9,97859,92700	4,21616	10,02140,07300	40	
	30	9,83854,32205	2,21177	9,85990,17890	2,00438	9,97864,14315	4,21615	10,02135,85685	30	
	40	9,83856,53361	2,21156	9,85988,17432	2,00458	9,97868,35929	4,21614	10,02131,64071	20	
	50	9,83858,74495	2,21134	9,85986,16955	2,00477	9,97872,57540	4,21611	10,02127,42460	10	
36	0	9,83860,95608	2,21113	9,85984,16458	2,00497	9,97876,79150	4,21610	10,02123,20850	0	24
	10	9,83863,16700	2,21092	9,85982,15942	2,00516	9,97881,00758	4,21608	10,02118,99242	50	
	20	9,83865,37769	2,21069	9,85980,15406	2,00536	9,97885,22363	4,21605	10,02114,77637	40	
	30	9,83867,58816	2,21047	9,85978,14852	2,00554	9,97889,43964	4,21601	10,02110,56036	30	
	40	9,83869,79842	2,21026	9,85976,14278	2,00574	9,97893,65564	4,21600	10,02106,34436	20	
	50	9,83872,00846	2,21004	9,85974,13685	2,00593	9,97897,87161	4,21597	10,02102,12839	10	
37	0	9,83874,21829	2,20983	9,85972,13072	2,00613	9,97902,08757	4,21596	10,02097,91243	0	23
	10	9,83876,42791	2,20962	9,85970,12440	2,00632	9,97906,30351	4,21594	10,02093,69649	50	
	20	9,83878,63731	2,20940	9,85968,11788	2,00652	9,97910,51943	4,21592	10,02089,48057	40	
	30	9,83880,84650	2,20919	9,85966,11117	2,00671	9,97914,73533	4,21590	10,02085,26467	30	
	40	9,83883,05547	2,20897	9,85964,10426	2,00691	9,97918,95121	4,21588	10,02081,04879	20	
	50	9,83885,26424	2,20877	9,85962,09715	2,00711	9,97923,16709	4,21588	10,02076,83291	10	
38	0	9,83887,47279	2,20855	9,85960,08984	2,00731	9,97927,38294	4,21585	10,02072,61706	0	22
	10	9,83889,68113	2,20834	9,85958,08234	2,00750	9,97931,59879	4,21585	10,02068,40121	50	
	20	9,83891,88925	2,20812	9,85956,07465	2,00769	9,97935,81460	4,21581	10,02064,18540	40	
	30	9,83894,09715	2,20790	9,85954,06677	2,00788	9,97940,03038	4,21578	10,02059,96962	30	
	40	9,83896,30483	2,20768	9,85952,05870	2,00807	9,97944,24613	4,21575	10,02055,75387	20	
	50	9,83898,51230	2,20747	9,85950,05043	2,00827	9,97948,46187	4,21574	10,02051,53813	10	
39	0	9,83900,71956	2,20726	9,85948,04197	2,00846	9,97952,67759	4,21572	10,02047,32241	0	21
	10	9,83902,92660	2,20704	9,85946,03331	2,00866	9,97956,89329	4,21570	10,02043,10671	50	
	20	9,83905,13343	2,20683	9,85944,02446	2,00885	9,97961,10897	4,21568	10,02038,89103	40	
	30	9,83907,34004	2,20661	9,85942,01541	2,00905	9,97965,32463	4,21566	10,02034,67537	30	
	40	9,83909,54645	2,20641	9,85940,00616	2,00925	9,97969,54029	4,21566	10,02030,45971	20	
	50	9,83911,75264	2,20619	9,85937,99671	2,00945	9,97973,75593	4,21564	10,02026,24407	10	
40	0	9,83913,95862	2,20598	9,85935,98707	2,00964	9,97977,97155	4,21562	10,02022,02845	0	20
		Sin. Compl.	2,20576	SINVVM	2,00984	Tang.compl	4,21560	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,83913,95862	2,20576	9,85935,96707	2,00984	9,97977,97155	4,21560	10,02022,02845	0	20
	10	9,83916,16438	2,20555	9,85933,97723	2,01003	9,97982,18715	4,21558	10,02017,81285	50	
	20	9,83918,36993	2,20533	9,85931,96720	2,01022	9,97986,40273	4,21555	10,02013,59727	40	
	30	9,83920,57526	2,20512	9,85929,95698	2,01042	9,97990,61828	4,21554	10,02009,38172	30	
	40	9,83922,78038	2,20491	9,85927,94656	2,01061	9,97994,83382	4,21552	10,02005,16618	20	
	50	9,83924,98529	2,20469	9,85925,93595	2,01081	9,97999,04934	4,21550	10,02000,95066	10	
41	0	9,83927,18998	2,20447	9,85923,92514	2,01100	9,98003,26484	4,21547	10,01996,73516	0	19
	10	9,83929,39445	2,20426	9,85921,91414	2,01120	9,98007,48031	4,21546	10,01992,51969	50	
	20	9,83931,59871	2,20406	9,85919,90294	2,01140	9,98011,69577	4,21546	10,01988,30423	40	
	30	9,83933,80277	2,20383	9,85917,89154	2,01159	9,98015,91123	4,21542	10,01984,08877	30	
	40	9,83936,00660	2,20363	9,85915,87995	2,01179	9,98020,12665	4,21542	10,01979,87335	20	
	50	9,83938,21023	2,20340	9,85913,86816	2,01198	9,98024,34207	4,21538	10,01975,65793	10	
42	0	9,83940,41363	2,20320	9,85911,85618	2,01218	9,98028,55745	4,21538	10,01971,44257	0	18
	10	9,83942,61683	2,20298	9,85909,84400	2,01237	9,98032,77283	4,21535	10,01967,22717	50	
	20	9,83944,81981	2,20276	9,85907,83163	2,01256	9,98036,98818	4,21532	10,01963,01182	40	
	30	9,83947,02257	2,20255	9,85905,81907	2,01276	9,98041,20350	4,21531	10,01958,79650	30	
	40	9,83949,22512	2,20233	9,85903,80631	2,01295	9,98045,41881	4,21528	10,01954,58119	20	
	50	9,83951,42745	2,20212	9,85901,79336	2,01315	9,98049,63409	4,21527	10,01950,36591	10	
43	0	9,83953,62957	2,20190	9,85899,78021	2,01334	9,98053,84936	4,21524	10,01946,15064	0	17
	10	9,83955,83147	2,20170	9,85897,76687	2,01354	9,98058,06460	4,21524	10,01941,93540	50	
	20	9,83958,03317	2,20148	9,85895,75333	2,01374	9,98062,27984	4,21522	10,01937,72016	40	
	30	9,83960,23465	2,20128	9,85893,73959	2,01394	9,98066,49506	4,21522	10,01933,50494	30	
	40	9,83962,43593	2,20105	9,85891,72565	2,01413	9,98070,71028	4,21518	10,01929,28972	20	
	50	9,83964,63698	2,20085	9,85889,71152	2,01433	9,98074,92546	4,21518	10,01925,07454	10	
44	0	9,83966,83783	2,20063	9,85887,69719	2,01452	9,98079,14064	4,21515	10,01920,85936	0	16
	10	9,83969,03846	2,20042	9,85885,68267	2,01472	9,98083,35579	4,21514	10,01916,64421	50	
	20	9,83971,23888	2,20020	9,85883,66795	2,01491	9,98087,57093	4,21511	10,01912,42907	40	
	30	9,83973,43908	2,19998	9,85881,65304	2,01510	9,98091,78604	4,21508	10,01908,21396	30	
	40	9,83975,63906	2,19977	9,85879,63794	2,01530	9,98096,00112	4,21507	10,01903,99888	20	
	50	9,83977,83883	2,19956	9,85877,62264	2,01550	9,98100,21619	4,21507	10,01899,78381	10	
45	0	9,83980,03839	2,19934	9,85875,60714	2,01569	9,98104,43126	4,21502	10,01895,56874	0	15
	10	9,83982,23773	2,19913	9,85873,59145	2,01589	9,98108,64628	4,21502	10,01891,35372	50	
	20	9,83984,43686	2,19893	9,85871,57556	2,01609	9,98112,86130	4,21502	10,01887,13870	40	
	30	9,83986,63579	2,19870	9,85869,55947	2,01628	9,98117,07632	4,21498	10,01882,92368	30	
	40	9,83988,83449	2,19850	9,85867,54319	2,01648	9,98121,29130	4,21498	10,01878,70870	20	
	50	9,83991,03299	2,19828	9,85865,52671	2,01667	9,98125,50628	4,21495	10,01874,49372	10	
46	0	9,83993,23127	2,19807	9,85863,51004	2,01687	9,98129,72123	4,21494	10,01870,27877	0	14
	10	9,83995,42934	2,19785	9,85861,49317	2,01706	9,98133,93617	4,21491	10,01866,06383	50	
	20	9,83997,62719	2,19764	9,85859,47611	2,01726	9,98138,15108	4,21490	10,01861,84892	40	
	30	9,83999,82483	2,19742	9,85857,45885	2,01745	9,98142,36598	4,21487	10,01857,63402	30	
	40	9,84002,02225	2,19721	9,85855,44140	2,01765	9,98146,58085	4,21486	10,01853,41915	20	
	50	9,84004,21946	2,19701	9,85853,42375	2,01785	9,98150,79571	4,21486	10,01849,20429	10	
47	0	9,84006,41647	2,19679	9,85851,40590	2,01805	9,98155,01057	4,21484	10,01844,98943	0	13
	10	9,84008,61326	2,19658	9,85849,38785	2,01824	9,98159,22541	4,21482	10,01840,77459	50	
	20	9,84010,80984	2,19636	9,85847,36961	2,01843	9,98163,44023	4,21479	10,01836,55977	40	
	30	9,84013,00620	2,19615	9,85845,35118	2,01863	9,98167,65502	4,21478	10,01832,34498	30	
	40	9,84015,20235	2,19594	9,85843,33255	2,01883	9,98171,86980	4,21477	10,01828,13020	20	
	50	9,84017,39829	2,19572	9,85841,31372	2,01902	9,98176,08457	4,21474	10,01823,91543	10	
48	0	9,84019,59401	2,19550	9,85839,29470	2,01921	9,98180,29931	4,21471	10,01819,70069	0	12
	10	9,84021,78951	2,19529	9,85837,27549	2,01941	9,98184,51402	4,21460	10,01815,48598	50	
	20	9,84023,98480	2,19508	9,85835,25608	2,01961	9,98188,72872	4,21469	10,01811,27128	40	
	30	9,84026,17988	2,19487	9,85833,23647	2,01981	9,98192,94341	4,21468	10,01807,05659	30	
	40	9,84028,37475	2,19467	9,85831,21666	2,02001	9,98197,15809	4,21468	10,01802,84191	20	
	50	9,84030,56942	2,19444	9,85829,19665	2,02020	9,98201,37277	4,21464	10,01798,62723	10	
49	0	9,84032,76386	2,19423	9,85827,17645	2,02039	9,98205,58741	4,21462	10,01794,41259	0	11
	10	9,84034,95809	2,19401	9,85825,15606	2,02059	9,98209,80203	4,21460	10,01790,19797	50	
	20	9,84037,15210	2,19381	9,85823,13547	2,02079	9,98214,01663	4,21460	10,01785,98337	40	
	30	9,84039,34591	2,19359	9,85821,11468	2,02098	9,98218,23123	4,21457	10,01781,76877	30	
	40	9,84041,53950	2,19338	9,85819,09370	2,02118	9,98222,44580	4,21456	10,01777,55420	20	
	50	9,84043,73288	2,19317	9,85817,07252	2,02138	9,98226,66036	4,21455	10,01773,33964	10	
50	0	9,84045,92605	2,19295	9,85815,05114	2,02157	9,98230,87491	4,21452	10,01769,12509	0	10
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. comple. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang.compl. Logarithmi.		
50	0	9,84045,92605	2,19295	9,85815,05114	2,02157	9,98230,87491	4,21452	10,01769,12509	0	10
	10	9,84048,11900	2,19275	9,85813,02957	2,02177	9,98235,08943	4,21452	10,01764,91057	50	
	20	9,84050,31175	2,19252	9,85811,00780	2,02196	9,98239,30395	4,21448	10,01760,69605	40	
	30	9,84052,50427	2,19232	9,85808,98584	2,02216	9,98243,51843	4,21448	10,01756,48157	30	
	40	9,84054,69659	2,19210	9,85806,96368	2,02236	9,98247,73291	4,21446	10,01752,26709	20	
	50	9,84056,88869	2,19189	9,85804,94132	2,02255	9,98251,94737	4,21444	10,01748,05263	10	
51	0	9,84059,08058	2,19168	9,85802,91877	2,02275	9,98256,16181	4,21443	10,01743,83819	0	9
	10	9,84061,27226	2,19146	9,85800,89602	2,02294	9,98260,37624	4,21440	10,01739,62376	50	
	20	9,84063,46372	2,19125	9,85798,87308	2,02314	9,98264,59064	4,21439	10,01735,40936	40	
	30	9,84065,65497	2,19104	9,85796,84994	2,02334	9,98268,80503	4,21438	10,01731,19497	30	
	40	9,84067,84601	2,19082	9,85794,82660	2,02353	9,98273,01941	4,21435	10,01726,98059	20	
	50	9,84070,03683	2,19061	9,85792,80307	2,02373	9,98277,23376	4,21434	10,01722,76624	10	
52	0	9,84072,22744	2,19041	9,85790,77934	2,02393	9,98281,44810	4,21434	10,01718,55190	0	8
	10	9,84074,41785	2,19018	9,85788,75541	2,02412	9,98285,66244	4,21430	10,01714,33756	50	
	20	9,84076,60803	2,18998	9,85786,73129	2,02432	9,98289,87674	4,21430	10,01710,12326	40	
	30	9,84078,79801	2,18976	9,85784,70697	2,02451	9,98294,09104	4,21428	10,01705,90896	30	
	40	9,84080,98777	2,18955	9,85782,68246	2,02471	9,98298,30532	4,21425	10,01701,69468	20	
	50	9,84083,17732	2,18934	9,85780,65775	2,02490	9,98302,51957	4,21425	10,01697,48043	10	
53	0	9,84085,36666	2,18911	9,85778,63285	2,02510	9,98306,73382	4,21421	10,01693,26618	0	7
	10	9,84087,55577	2,18891	9,85776,60775	2,02531	9,98310,94803	4,21420	10,01689,05197	50	
	20	9,84089,74468	2,18870	9,85774,58245	2,02550	9,98315,16223	4,21420	10,01684,83777	40	
	30	9,84091,93338	2,18850	9,85772,55695	2,02570	9,98319,37643	4,21420	10,01680,62357	30	
	40	9,84094,12188	2,18828	9,85770,53125	2,02590	9,98323,59063	4,21418	10,01676,40937	20	
	50	9,84096,31016	2,18807	9,85768,50535	2,02609	9,98327,80481	4,21416	10,01672,19519	10	
54	0	9,84098,49823	2,18786	9,85766,47926	2,02629	9,98332,01897	4,21415	10,01667,98103	0	6
	10	9,84100,68609	2,18764	9,85764,45297	2,02648	9,98336,23312	4,21412	10,01663,76688	50	
	20	9,84102,87373	2,18742	9,85762,42649	2,02667	9,98340,44724	4,21409	10,01659,55276	40	
	30	9,84105,06115	2,18721	9,85760,39982	2,02687	9,98344,66133	4,21408	10,01655,33867	30	
	40	9,84107,24836	2,18700	9,85758,37295	2,02707	9,98348,87541	4,21407	10,01651,12459	20	
	50	9,84109.43536	2,18680	9,85756,34588	2,02727	9,98353,08948	4,21407	10,01646,91052	10	
55	0	9,84111,62216	2,18657	9,85754,31861	2,02746	9,98357,30355	4,21403	10,01642,69644	0	5
	10	9,84113,80873	2,18636	9,85752,29115	2,02766	9,98361,51758	4,21402	10,01638,48242	50	
	20	9,84115,99509	2,18616	9,85750,26349	2,02786	9,98365,73160	4,21402	10,01634,26840	40	
	30	9,84118,18125	2,18594	9,85748,23563	2,02806	9,98369,94562	4,21400	10,01630,05438	30	
	40	9,84120,36719	2,18574	9,85746,20757	2,02826	9,98374,15962	4,21400	10,01625,84038	20	
	50	9,84122,55293	2,18552	9,85744,17931	2,02845	9,98378,37362	4,21397	10,01621,62638	10	
56	0	9,84124,73845	2,18531	9,85742,15086	2,02865	9,98382,58759	4,21396	10,01617,41241	0	4
	10	9,84126,92376	2,18510	9,85740,12221	2,02885	9,98386,80155	4,21395	10,01613,19845	50	
	20	9,84129,10886	2,18488	9,85738,09336	2,02904	9,98391,01550	4,21392	10,01608,98450	40	
	30	9,84131,29374	2,18467	9,85736,06432	2,02923	9,98395,22942	4,21390	10,01604,77058	30	
	40	9,84133,47841	2,18445	9,85734,03509	2,02943	9,98399,44332	4,21388	10,01600,55668	20	
	50	9,84135,66286	2,18425	9,85732,00566	2,02963	9,98403,65720	4,21388	10,01596,34280	10	
57	0	9,84137,84711	2,18403	9,85729,97603	2,02982	9,98407,87108	4,21385	10,01592,12892	0	3
	10	9,84140,03114	2,18382	9,85727,94621	2,03002	9,98412,08493	4,21384	10,01587,91507	50	
	20	9,84142,21496	2,18361	9,85725,91619	2,03022	9,98416,29877	4,21383	10,01583,70123	40	
	30	9,84144,39857	2,18340	9,85723,88597	2,03042	9,98420,51260	4,21382	10,01579,48740	30	
	40	9,84146,58197	2,18319	9,85721,85555	2,03062	9,98424,72642	4,21381	10,01575,27358	20	
	50	9,84148,76516	2,18298	9,85719,82493	2,03082	9,98428,94023	4,21380	10,01571,05977	10	
58	0	9,84150,94814	2,18277	9,85717,79411	2,03101	9,98433,15403	4,21378	10,01566,84597	0	2
	10	9,84153,13091	2,18255	9,85715,76310	2,03121	9,98437,36781	4,21376	10,01562,63219	50	
	20	9,84155,31346	2,18235	9,85713,73189	2,03141	9,98441,58157	4,21376	10,01558,41843	40	
	30	9,84157,49581	2,18212	9,85711,70048	2,03160	9,98445,79533	4,21372	10,01554,20467	30	
	40	9,84159,67793	2,18191	9,85709,66888	2,03179	9,98450,00905	4,21370	10,01549,99095	20	
	50	9,84161,85984	2,18170	9,85707,63709	2,03199	9,98454,22275	4,21369	10,01545,77725	10	
59	0	9,84164,04154	2,18149	9,85705,60510	2,03219	9,98458,43644	4,21368	10,01541,56356	0	1
	10	9,84166,22303	2,18128	9,85703,57291	2,03238	9,98462,65012	4,21366	10,01537,34988	50	
	20	9,84168,40431	2,18106	9,85701,54053	2,03258	9,98466,86378	4,21364	10,01533,13622	40	
	30	9,84170,58537	2,18086	9,85699,50795	2,03278	9,98471,07742	4,21364	10,01528,92258	30	
	40	9,84172,76623	2,18064	9,85697,47517	2,03298	9,98475,29106	4,21363	10,01524,70894	20	
	50	9,84174,94687	2,18044	9,85695,44219	2,03318	9,98479,50469	4,21362	10,01520,49531	10	
60	0	9,84177,12731	2,18022	9,85693,40901	2,03337	9,98483,71831	4,21359	10,01516,28168	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,84177,12731	2,18022	9,85693,40901	2,03337	9,98483,71831	4,21358	10,01516,28169	0	60
	10	9,84179,30753	2,18001	9,85691,37564	2,03357	9,98487,93189	4,21358	10,01512,06811	50	
	20	9,84181,48754	2,17980	9,85689,34207	2,03377	9,98492,14547	4,21357	10,01507,85453	40	
	30	9,84183,66734	2,17959	9,85687,30830	2,03397	9,98496,35904	4,21356	10,01503,64096	30	
	40	9,84185,84693	2,17939	9,85685,27433	2,03417	9,98500,57260	4,21356	10,01499,42740	20	
	50	9,84188,02632	2,17917	9,85683,24016	2,03437	9,98504,78616	4,21354	10,01495,21384	10	
1	0	9,84190,20549	2,17896	9,85681,20579	2,03456	9,98508,99970	4,21352	10,01491,00030	0	59
	10	9,84192,38445	2,17874	9,85679,17123	2,03476	9,98513,21322	4,21350	10,01486,78678	50	
	20	9,84194,56319	2,17854	9,85677,13647	2,03496	9,98517,42672	4,21350	10,01482,57328	40	
	30	9,84196,74173	2,17832	9,85675,10151	2,03515	9,98521,64022	4,21347	10,01478,35978	30	
	40	9,84198,92005	2,17811	9,85673,06636	2,03535	9,98525,85369	4,21346	10,01474,14631	20	
	50	9,84201,09816	2,17789	9,85671,03101	2,03554	9,98530,06715	4,21343	10,01469,93285	10	
2	0	9,84203,27605	2,17768	9,85668,99547	2,03574	9,98534,28058	4,21342	10,01465,71942	0	58
	10	9,84205,45373	2,17748	9,85666,95973	2,03594	9,98538,49400	4,21342	10,01461,50600	50	
	20	9,84207,63121	2,17726	9,85664,92379	2,03614	9,98542,70742	4,21340	10,01457,29258	40	
	30	9,84209,80847	2,17706	9,85662,88765	2,03634	9,98546,92082	4,21340	10,01453,07918	30	
	40	9,84211,98553	2,17683	9,85660,85131	2,03653	9,98551,13422	4,21336	10,01448,86578	20	
	50	9,84214,16236	2,17663	9,85658,81478	2,03673	9,98555,34758	4,21336	10,01444,65242	10	
3	0	9,84216,33899	2,17642	9,85656,77805	2,03693	9,98559,56094	4,21335	10,01440,43906	0	57
	10	9,84218,51541	2,17620	9,85654,74112	2,03712	9,98563,77429	4,21332	10,01436,22571	50	
	20	9,84220,69161	2,17599	9,85652,70400	2,03732	9,98567,98761	4,21331	10,01432,01239	40	
	30	9,84222,86760	2,17578	9,85650,66668	2,03752	9,98572,20092	4,21330	10,01427,79908	30	
	40	9,84225,04338	2,17558	9,85648,62916	2,03772	9,98576,41422	4,21330	10,01423,58578	20	
	50	9,84227,21896	2,17537	9,85646,59144	2,03792	9,98580,62752	4,21330	10,01419,37248	10	
4	0	9,84229,39433	2,17515	9,85644,55352	2,03811	9,98584,84082	4,21325	10,01415,15918	0	56
	10	9,84231,56948	2,17494	9,85642,51541	2,03831	9,98589,05407	4,21325	10,01410,94593	50	
	20	9,84233,74442	2,17473	9,85640,47710	2,03851	9,98593,26732	4,21324	10,01406,73268	40	
	30	9,84235,91915	2,17452	9,85638,43859	2,03871	9,98597,48056	4,21323	10,01402,51944	30	
	40	9,84238,09367	2,17431	9,85636,39988	2,03891	9,98601,69379	4,21322	10,01398,30621	20	
	50	9,84240,26798	2,17411	9,85634,36097	2,03911	9,98605,90701	4,21322	10,01394,09299	10	
5	0	9,84242,44209	2,17388	9,85632,32186	2,03930	9,98610,12023	4,21318	10,01389,87977	0	55
	10	9,84244,61597	2,17368	9,85630,28256	2,03950	9,98614,33341	4,21318	10,01385,66659	50	
	20	9,84246,78965	2,17346	9,85628,24306	2,03970	9,98618,54659	4,21316	10,01381,45341	40	
	30	9,84248,96311	2,17326	9,85626,20336	2,03990	9,98622,75975	4,21316	10,01377,24025	30	
	40	9,84251,13637	2,17305	9,85624,16346	2,04009	9,98626,97291	4,21313	10,01373,02709	20	
	50	9,84253,30941	2,17284	9,85622,12337	2,04029	9,98631,18604	4,21313	10,01368,81396	10	
6	0	9,84255,48225	2,17262	9,85620,08308	2,04049	9,98635,39917	4,21311	10,01364,60083	0	54
	10	9,84257,65487	2,17241	9,85618,04259	2,04069	9,98639,61228	4,21310	10,01360,38772	50	
	20	9,84259,82728	2,17220	9,85616,00190	2,04088	9,98643,82538	4,21308	10,01356,17462	40	
	30	9,84261,99948	2,17198	9,85613,96102	2,04108	9,98648,03846	4,21306	10,01351,96154	30	
	40	9,84264,17146	2,17178	9,85611,91994	2,04128	9,98652,25152	4,21306	10,01347,74848	20	
	50	9,84266,34324	2,17157	9,85609,87866	2,04148	9,98656,46458	4,21305	10,01343,53542	10	
7	0	9,84268,51481	2,17136	9,85607,83718	2,04168	9,98660,67763	4,21304	10,01339,32237	0	53
	10	9,84270,68617	2,17115	9,85605,79550	2,04187	9,98664,89067	4,21302	10,01335,10933	50	
	20	9,84272,85732	2,17093	9,85603,75363	2,04207	9,98669,10369	4,21300	10,01330,89631	40	
	30	9,84275,02825	2,17073	9,85601,71156	2,04227	9,98673,31669	4,21300	10,01326,68331	30	
	40	9,84277,19898	2,17051	9,85599,66929	2,04247	9,98677,52969	4,21298	10,01322,47031	20	
	50	9,84279,36949	2,17031	9,85597,62682	2,04267	9,98681,74267	4,21298	10,01318,25733	10	
8	0	9,84281,53980	2,17010	9,85595,58415	2,04287	9,98685,95565	4,21297	10,01314,04435	0	52
	10	9,84283,70990	2,16988	9,85593,54128	2,04306	9,98690,16862	4,21294	10,01309,83138	50	
	20	9,84285,87978	2,16967	9,85591,49822	2,04326	9,98694,38156	4,21293	10,01305,61844	40	
	30	9,84288,04945	2,16946	9,85589,45496	2,04346	9,98698,59449	4,21292	10,01301,40551	30	
	40	9,84290,21891	2,16926	9,85587,41150	2,04366	9,98702,80741	4,21292	10,01297,19259	20	
	50	9,84292,38817	2,16904	9,85585,36784	2,04386	9,98707,02033	4,21290	10,01292,97967	10	
9	0	9,84294,55721	2,16883	9,85583,32398	2,04405	9,98711,23323	4,21288	10,01288,76677	0	51
	10	9,84296,72604	2,16861	9,85581,27993	2,04425	9,98715,44611	4,21286	10,01284,55389	50	
	20	9,84298,89465	2,16841	9,85579,23568	2,04445	9,98719,65897	4,21286	10,01280,34103	40	
	30	9,84301,06306	2,16820	9,85577,19123	2,04465	9,98723,87183	4,21285	10,01276,12817	30	
	40	9,84303,23126	2,16799	9,85575,14658	2,04485	9,98728,08468	4,21284	10,01271,91532	20	
	50	9,84305,39925	2,16779	9,85573,10173	2,04505	9,98732,29752	4,21284	10,01267,70248	10	
10	0	9,84307,56704		9,85571,05668		9,98736,51036		10,01263,48964	0	50
		Sin. Compl.	2,16757	SINVVM	2,04525	Tang.compl.	4,21282	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,84307,56704		9,85571,05668		9,98736,51036		10,01263,48964	0	50
	10	9,84309,73461	2,16757	9,85569,01143	2,04525	9,98740,72318	4,21282	10,01259,27682	50	
	20	9,84311,90197	2,16736	9,85566,96599	2,04544	9,98744,93598	4,21280	10,01255,06402	40	
	30	9,84314,06911	2,16714	9,85564,92035	2,04564	9,98749,14876	4,21278	10,01250,85124	30	
	40	9,84316,23605	2,16694	9,85562,87451	2,04584	9,98753,36154	4,21278	10,01246,63846	20	
	50	9,84318,40278	2,16673	9,85560,82847	2,04604	9,98757,57431	4,21277	10,01242,42569	10	
11	0	9,84320,56930	2,16652	9,85558,78223	2,04624	9,98761,78707	4,21276	10,01238,21293	0	49
	10	9,84322,73562	2,16632	9,85556,73579	2,04644	9,98765,99983	4,21276	10,01234,00017	50	
	20	9,84324,90171	2,16609	9,85554,68916	2,04663	9,98770,21255	4,21272	10,01229,78745	40	
	30	9,84327,06760	2,16589	9,85552,64233	2,04683	9,98774,42527	4,21272	10,01225,57473	30	
	40	9,84329,23327	2,16567	9,85550,59530	2,04703	9,98778,63797	4,21270	10,01221,36203	20	
	50	9,84331,39874	2,16547	9,85548,54807	2,04723	9,98782,85067	4,21270	10,01217,14933	10	
12	0	9,84333,56400	2,16526	9,85546,50064	2,04743	9,98787,06336	4,21269	10,01212,93664	0	48
	10	9,84335,72905	2,16505	9,85544,45301	2,04763	9,98791,27604	4,21268	10,01208,72396	50	
	20	9,84337,89389	2,16484	9,85542,40518	2,04783	9,98795,48871	4,21267	10,01204,51129	40	
	30	9,84340,05851	2,16462	9,85540,35716	2,04802	9,98799,70135	4,21264	10,01200,29865	30	
	40	9,84342,22293	2,16442	9,85538,30894	2,04822	9,98803,91399	4,21264	10,01196,08601	20	
	50	9,84344,38713	2,16420	9,85536,26052	2,04842	9,98808,12661	4,21262	10,01191,87339	10	
13	0	9,84346,55113	2,16400	9,85534,21190	2,04862	9,98812,33923	4,21262	10,01187,66077	0	47
	10	9,84348,71492	2,16379	9,85532,16308	2,04882	9,98816,55184	4,21261	10,01183,44816	50	
	20	9,84350,87850	2,16358	9,85530,11406	2,04902	9,98820,76444	4,21260	10,01179,23556	40	
	30	9,84353,04187	2,16337	9,85528,06484	2,04922	9,98824,97703	4,21259	10,01175,02297	30	
	40	9,84355,20503	2,16316	9,85526,01542	2,04942	9,98829,18961	4,21258	10,01170,81039	20	
	50	9,84357,36798	2,16295	9,85523,96581	2,04961	9,98833,40217	4,21256	10,01166,59783	10	
14	0	9,84359,53071	2,16273	9,85521,91600	2,04981	9,98837,61471	4,21254	10,01162,38529	0	46
	10	9,84361,69324	2,16253	9,85519,86599	2,05001	9,98841,82725	4,21254	10,01158,17275	50	
	20	9,84363,85556	2,16232	9,85517,81578	2,05021	9,98846,03978	4,21253	10,01153,96022	40	
	30	9,84366,01767	2,16211	9,85515,76537	2,05041	9,98850,25230	4,21252	10,01149,74770	30	
	40	9,84368,17957	2,16190	9,85513,71476	2,05061	9,98854,46481	4,21251	10,01145,53519	20	
	50	9,84370,34126	2,16169	9,85511,66395	2,05081	9,98858,67731	4,21250	10,01141,32269	10	
15	0	9,84372,50274	2,16148	9,85509,61294	2,05101	9,98862,88980	4,21249	10,01137,11020	0	45
	10	9,84374,66401	2,16127	9,85507,56173	2,05121	9,98867,10228	4,21248	10,01132,89772	50	
	20	9,84376,82508	2,16107	9,85505,51032	2,05141	9,98871,31476	4,21248	10,01128,68524	40	
	30	9,84378,98594	2,16086	9,85503,45872	2,05160	9,98875,52722	4,21246	10,01124,47278	30	
	40	9,84381,14658	2,16064	9,85501,40692	2,05180	9,98879,73966	4,21244	10,01120,26034	20	
	50	9,84383,30702	2,16044	9,85499,35492	2,05200	9,98883,95210	4,21244	10,01116,04790	10	
16	0	9,84385,46724	2,16022	9,85497,30272	2,05220	9,98888,16452	4,21242	10,01111,83548	0	44
	10	9,84387,62726	2,16002	9,85495,25032	2,05240	9,98892,37694	4,21242	10,01107,62306	50	
	20	9,84389,78706	2,15980	9,85493,19772	2,05260	9,98896,58934	4,21240	10,01103,41066	40	
	30	9,84391,94666	2,15960	9,85491,14492	2,05280	9,98900,80174	4,21240	10,01099,19826	30	
	40	9,84394,10604	2,15938	9,85489,09192	2,05300	9,98905,01412	4,21238	10,01094,98588	20	
	50	9,84396,26521	2,15917	9,85487,03872	2,05320	9,98909,22649	4,21237	10,01090,77351	10	
17	0	9,84398,42417	2,15896	9,85484,98533	2,05339	9,98913,43884	4,21235	10,01086,56116	0	43
	10	9,84400,58293	2,15876	9,85482,93174	2,05359	9,98917,65119	4,21235	10,01082,34881	50	
	20	9,84402,74148	2,15855	9,85480,87795	2,05379	9,98921,86353	4,21234	10,01078,13647	40	
	30	9,84404,89981	2,15833	9,85478,82396	2,05399	9,98926,07585	4,21232	10,01073,92415	30	
	40	9,84407,05794	2,15813	9,85476,76977	2,05419	9,98930,28817	4,21232	10,01069,71183	20	
	50	9,84409,21586	2,15792	9,85474,71538	2,05439	9,98934,50048	4,21231	10,01065,49952	10	
18	0	9,84411,37357	2,15771	9,85472,66079	2,05459	9,98938,71278	4,21230	10,01061,28722	0	42
	10	9,84413,53106	2,15749	9,85470,60601	2,05478	9,98942,92506	4,21228	10,01057,07494	50	
	20	9,84415,68835	2,15729	9,85468,55102	2,05499	9,98947,13733	4,21227	10,01052,86267	40	
	30	9,84417,84544	2,15709	9,85466,49583	2,05519	9,98951,34960	4,21227	10,01048,65040	30	
	40	9,84420,00231	2,15687	9,85464,44044	2,05539	9,98955,56187	4,21227	10,01044,43813	20	
	50	9,84422,15898	2,15667	9,85462,38485	2,05559	9,98959,77413	4,21226	10,01040,22587	10	
19	0	9,84424,31544	2,15646	9,85460,32906	2,05579	9,98963,98638	4,21225	10,01036,01362	0	41
	10	9,84426,47169	2,15625	9,85458,27307	2,05599	9,98968,19862	4,21224	10,01031,80138	50	
	20	9,84428,62773	2,15604	9,85456,21688	2,05619	9,98972,41085	4,21223	10,01027,58915	40	
	30	9,84430,78356	2,15583	9,85454,16049	2,05639	9,98976,62307	4,21222	10,01023,37693	30	
	40	9,84432,93917	2,15561	9,85452,10391	2,05658	9,98980,83526	4,21219	10,01019,16474	20	
	50	9,84435,09457	2,15540	9,85450,04713	2,05678	9,98985,04744	4,21218	10,01014,95256	10	
20	0	9,84437,24976	2,15519	9,85447,99015	2,05698	9,98989,25961	4,21217	10,01010,74040	0	40
		Sin. Compl.	2,15500	SINVVM	2,05718	Tang.compl	4,21217	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,84437,24976		9,85447,99015		9,98989,25961		10,01010,74040	0	40
	10	9,84439,40476	2,15500	9,85445,93297	2,05718	9,98993,47178	4,21217	10,01006,52822	50	
	20	9,84441,55954	2,15478	9,85443,87559	2,05738	9,98997,68395	4,21217	10,01002,31605	40	
	30	9,84443,71412	2,15458	9,85441,81801	2,05758	9,99001,89611	4,21216	10,00998,10389	30	
	40	9,84445,86848	2,15436	9,85439,76023	2,05778	9,99006,10825	4,21214	10,00993,89175	20	
	50	9,84448,02264	2,15416	9,85437,70225	2,05798	9,99010,32039	4,21214	10,00989,67961	10	
21	0	9,84450,17659	2,15395	9,85435,64407	2,05818	9,99014,53252	4,21213	10,00985,46748	0	39
	10	9,84452,33033	2,15374	9,85433,58569	2,05838	9,99018,74464	4,21212	10,00981,25536	50	
	20	9,84454,48386	2,15353	9,85431,52711	2,05858	9,99022,95675	4,21211	10,00977,04325	40	
	30	9,84456,6[illegible]	2,15331	9,85429,46833	2,05878	9,99027,16884	4,21209	10,00972,83116	30	
	40	9,84458,79[illegible]	2,15311	9,85427,40935	2,05898	9,99031,38093	4,21209	10,00968,61907	20	
	50	9,84460,94318	2,15290	9,85425,35017	2,05918	9,99035,59301	4,21208	10,00964,40699	10	
22	0	9,84463,09588	2,15270	9,85423,29079	2,05938	9,99039,80509	4,21208	10,00960,19491	0	38
	10	9,84465,24837	2,15249	9,85421,23121	2,05958	9,99044,01716	4,21207	10,00955,98284	50	
	20	9,84467,40064	2,15227	9,85419,17144	2,05977	9,99048,22921	4,21205	10,00951,77079	40	
	30	9,84469,55271	2,15207	9,85417,11146	2,05998	9,99052,44125	4,21204	10,00947,55875	30	
	40	9,84471,70457	2,15186	9,85415,05128	2,06018	9,99056,65329	4,21204	10,00943,34671	20	
	50	9,84473,85622	2,15165	9,85412,99090	2,06038	9,99060,86532	4,21203	10,00939,13468	10	
23	0	9,84476,00766	2,15144	9,85410,93032	2,06058	9,99065,07734	4,21202	10,00934,92266	0	37
	10	9,84478,15889	2,15123	9,85408,86955	2,06077	9,99069,28934	4,21200	10,00930,71066	50	
	20	9,84480,30990	2,15101	9,85406,80858	2,06097	9,99073,50133	4,21199	10,00926,49867	40	
	30	9,84482,46072	2,15082	9,85404,74740	2,06118	9,99077,71332	4,21199	10,00922,28668	30	
	40	9,84484,61133	2,15061	9,85402,68602	2,06138	9,99081,92531	4,21199	10,00918,07469	20	
	50	9,84486,76173	2,15040	9,85400,62444	2,06158	9,99086,13729	4,21198	10,00913,86271	10	
24	0	9,84488,91193	2,15020	9,85398,56266	2,06178	9,99090,34927	4,21198	10,00909,65073	0	36
	10	9,84491,06191	2,14998	9,85396,50068	2,06198	9,99094,56123	4,21196	10,00905,43877	50	
	20	9,84493,21169	2,14978	9,85394,43850	2,06218	9,99098,77319	4,21196	10,00901,22681	40	
	30	9,84495,36125	2,14956	9,85392,37613	2,06237	9,99102,98512	4,21193	10,00897,01488	30	
	40	9,84497,51060	2,14935	9,85390,31356	2,06257	9,99107,19705	4,21193	10,00892,80295	20	
	50	9,84499,65975	2,14915	9,85388,25078	2,06278	9,99111,40897	4,21192	10,00888,59103	10	
25	0	9,84501,80869	2,14894	9,85386,18780	2,06298	9,99115,62089	4,21192	10,00884,37911	0	35
	10	9,84503,95741	2,14872	9,85384,12463	2,06317	9,99119,83278	4,21189	10,00880,16722	50	
	20	9,84506,10592	2,14851	9,85382,06126	2,06337	9,99124,04467	4,21189	10,00875,95533	40	
	30	9,84508,25424	2,14832	9,85379,99768	2,06358	9,99128,25656	4,21189	10,00871,74344	30	
	40	9,84510,40234	2,14810	9,85377,93390	2,06378	9,99132,46844	4,21188	10,00867,53156	20	
	50	9,84512,55024	2,14790	9,85375,86992	2,06398	9,99136,68032	4,21188	10,00863,31968	10	
26	0	9,84514,69794	2,14770	9,85373,80574	2,06418	9,99140,89220	4,21188	10,00859,10780	0	34
	10	9,84516,84542	2,14748	9,85371,74136	2,06438	9,99145,10406	4,21186	10,00854,89594	50	
	20	9,84518,99270	2,14728	9,85369,67678	2,06458	9,99149,31592	4,21186	10,00850,68408	40	
	30	9,84521,13976	2,14706	9,85367,61200	2,06478	9,99153,52776	4,21184	10,00846,47224	30	
	40	9,84523,28662	2,14686	9,85365,54702	2,06498	9,99157,73960	4,21184	10,00842,26040	20	
	50	9,84525,43327	2,14665	9,85363,48184	2,06518	9,99161,95143	4,21183	10,00838,04857	10	
27	0	9,84527,57970	2,14643	9,85361,41646	2,06538	9,99166,16324	4,21181	10,00833,83677	0	33
	10	9,84529,72594	2,14624	9,85359,35088	2,06558	9,99170,37505	4,21181	10,00829,62495	50	
	20	9,84531,87196	2,14602	9,85357,28510	2,06578	9,99174,58686	4,21181	10,00825,41314	40	
	30	9,84534,01778	2,14582	9,85355,21912	2,06598	9,99178,79866	4,21180	10,00821,20134	30	
	40	9,84536,16338	2,14560	9,85353,15294	2,06618	9,99183,01044	4,21178	10,00816,98956	20	
	50	9,84538,30878	2,14540	9,85351,08656	2,06638	9,99187,22222	4,21178	10,00812,77778	10	
28	0	9,84540,45397	2,14519	9,85349,01998	2,06658	9,99191,43399	4,21177	10,00808,56602	0	32
	10	9,84542,59896	2,14499	9,85346,95320	2,06678	9,99195,64576	4,21177	10,00804,35424	50	
	20	9,84544,74374	2,14478	9,85344,88622	2,06698	9,99199,85752	4,21176	10,00800,14248	40	
	30	9,84546,88830	2,14456	9,85342,81904	2,06718	9,99204,06926	4,21174	10,00795,93074	30	
	40	9,84549,03266	2,14436	9,85340,75166	2,06738	9,99208,28100	4,21174	10,00791,71900	20	
	50	9,84551,17680	2,14414	9,85338,68408	2,06758	9,99212,49272	4,21172	10,00787,50728	10	
29	0	9,84553,32074	2,14394	9,85336,61630	2,06778	9,99216,70444	4,21172	10,00783,29556	0	31
	10	9,84555,46447	2,14373	9,85334,54832	2,06798	9,99220,91615	4,21171	10,00779,08385	50	
	20	9,84557,60799	2,14352	9,85332,48014	2,06818	9,99225,12786	4,21171	10,00774,87214	40	
	30	9,84559,75131	2,14332	9,85330,41175	2,06839	9,99229,33956	4,21170	10,00770,66044	30	
	40	9,84561,89442	2,14311	9,85328,34316	2,06859	9,99233,55126	4,21170	10,00766,44874	20	
	50	9,84564,03733	2,14291	9,85326,27437	2,06879	9,99237,76296	4,21170	10,00762,23704	10	
30	0	9,84566,18002	2,14269	9,85324,20538	2,06899	9,99241,97464	4,21168	10,00758,02536	0	30
		Sin. Compl.	2,14249	SINVVM	2,06919	Tang.compl	4,21168	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,84566,18002		9,85324,20538		9,99241,97464		10,00758,02536	0	30
	10	9,84568,32251	2,14249	9,85322,13619	2,06919	9,99246,18632	4,21168	10,00753,81368	50	
	20	9,84570,46480	2,14229	9,85320,06680	2,06939	9,99250,39800	4,21168	10,00749,60200	40	
	30	9,84572,60687	2,14207	9,85317,99720	2,06959	9,99254,60966	4,21166	10,00745,39034	30	
	40	9,84574,74874	2,14187	9,85315,92742	2,06979	9,99258,82132	4,21166	10,00741,17868	20	
	50	9,84576,89039	2,14165	9,85313,85743	2,06999	9,99263,03296	4,21164	10,00736,96704	10	
31	0	9,84579,03184	2,14145	9,85311,78724	2,07019	9,99267,24460	4,21164	10,00732,75540	0	29
	10	9,84581,17308	2,14124	9,85309,71685	2,07039	9,99271,45623	4,21163	10,00728,54377	50	
	20	9,84583,31411	2,14103	9,85307,64626	2,07059	9,99275,66785	4,21162	10,00724,33215	40	
	30	9,84585,45493	2,14082	9,85305,57547	2,07079	9,99279,87946	4,21161	10,00720,12054	30	
	40	9,84587,59554	2,14061	9,85303,50448	2,07099	9,99284,09107	4,21161	10,00715,90893	20	
	50	9,84589,73596	2,14042	9,85301,43328	2,07120	9,99288,30268	4,21161	10,00711,69732	10	
32	0	9,84591,87617	2,14021	9,85299,36188	2,07140	9,99292,51429	4,21161	10,00707,48571	0	28
	10	9,84594,01617	2,14000	9,85297,29028	2,07160	9,99296,72589	4,21160	10,00703,27411	50	
	20	9,84596,15596	2,13979	9,85295,21848	2,07180	9,99300,93748	4,21159	10,00699,06252	40	
	30	9,84598,29554	2,13958	9,85293,14648	2,07200	9,99305,14906	4,21158	10,00694,85094	30	
	40	9,84600,43491	2,13937	9,85291,07428	2,07220	9,99309,36063	4,21157	10,00690,63937	20	
	50	9,84602,57407	2,13916	9,85289,00188	2,07240	9,99313,57219	4,21156	10,00686,42781	10	
33	0	9,84604,71303	2,13896	9,85286,92928	2,07260	9,99317,78375	4,21156	10,00682,21625	0	27
	10	9,84606,85177	2,13874	9,85284,85648	2,07280	9,99321,99530	4,21155	10,00678,00470	50	
	20	9,84608,99031	2,13854	9,85282,78348	2,07300	9,99326,20684	4,21154	10,00673,79316	40	
	30	9,84611,12866	2,13835	9,85280,71027	2,07321	9,99330,41839	4,21155	10,00669,58161	30	
	40	9,84613,26679	2,13813	9,85278,63686	2,07341	9,99334,62993	4,21154	10,00665,37007	20	
	50	9,84615,40472	2,13793	9,85276,56325	2,07361	9,99338,84147	4,21154	10,00661,15853	10	
34	0	9,84617,54243	2,13771	9,85274,48944	2,07381	9,99343,05299	4,21152	10,00656,94701	0	26
	10	9,84619,67994	2,13751	9,85272,41543	2,07401	9,99347,26451	4,21152	10,00652,73549	50	
	20	9,84621,81724	2,13730	9,85270,34122	2,07421	9,99351,47602	4,21151	10,00648,52398	40	
	30	9,84623,95433	2,13709	9,85268,26681	2,07441	9,99355,68752	4,21150	10,00644,31248	30	
	40	9,84626,09122	2,13689	9,85266,19220	2,07461	9,99359,89902	4,21150	10,00640,10098	20	
	50	9,84628,22790	2,13668	9,85264,11738	2,07482	9,99364,11052	4,21150	10,00635,88948	10	
35	0	9,84630,36438	2,13648	9,85262,04236	2,07502	9,99368,32202	4,21150	10,00631,67798	0	25
	10	9,84632,50065	2,13627	9,85259,96714	2,07522	9,99372,53351	4,21149	10,00627,46649	50	
	20	9,84634,63671	2,13606	9,85257,89172	2,07542	9,99376,74499	4,21148	10,00623,25501	40	
	30	9,84636,77256	2,13585	9,85255,81610	2,07562	9,99380,95646	4,21147	10,00619,04354	30	
	40	9,84638,90820	2,13564	9,85253,74028	2,07582	9,99385,16792	4,21146	10,00614,83208	20	
	50	9,84641,04363	2,13543	9,85251,66426	2,07602	9,99389,37937	4,21145	10,00610,62063	10	
36	0	9,84643,17884	2,13521	9,85249,58804	2,07622	9,99393,59081	4,21144	10,00606,40920	0	24
	10	9,84645,31386	2,13502	9,85247,51162	2,07642	9,99397,80224	4,21143	10,00602,19776	50	
	20	9,84647,44868	2,13482	9,85245,43500	2,07662	9,99402,01368	4,21144	10,00597,98632	40	
	30	9,84649,58329	2,13461	9,85243,35817	2,07683	9,99406,22512	4,21144	10,00593,77488	30	
	40	9,84651,71769	2,13440	9,85241,28114	2,07703	9,99410,43655	4,21143	10,00589,56345	20	
	50	9,84653,85188	2,13419	9,85239,20391	2,07723	9,99414,64797	4,21142	10,00585,35203	10	
37	0	9,84655,98587	2,13399	9,85237,12648	2,07743	9,99418,85939	4,21142	10,00581,14061	0	23
	10	9,84658,11964	2,13377	9,85235,04885	2,07703	9,99423,07079	4,21140	10,00576,92921	50	
	20	9,84660,25321	2,13358	9,85232,97102	2,07783	9,99427,28219	4,21140	10,00572,71781	40	
	30	9,84662,38658	2,13337	9,85230,89298	2,07804	9,99431,49360	4,21141	10,00568,50640	30	
	40	9,84664,51974	2,13316	9,85228,81474	2,07824	9,99435,70500	4,21140	10,00564,29500	20	
	50	9,84666,65270	2,13296	9,85226,73630	2,07844	9,99439,91640	4,21140	10,00560,08360	10	
38	0	9,84668,78544	2,13274	9,85224,65766	2,07864	9,99444,12778	4,21138	10,00555,87222	0	22
	10	9,84670,91798	2,13254	9,85222,57882	2,07884	9,99448,33916	4,21138	10,00551,66084	50	
	20	9,84673,05031	2,13233	9,85220,49978	2,07904	9,99452,55053	4,21137	10,00547,44947	40	
	30	9,84675,18244	2,13213	9,85218,42053	2,07925	9,99456,76191	4,21138	10,00543,23809	30	
	40	9,84677,31436	2,13192	9,85216,34108	2,07945	9,99460,97328	4,21137	10,00539,02672	20	
	50	9,84679,44607	2,13171	9,85214,26143	2,07965	9,99465,18464	4,21136	10,00534,81536	10	
39	0	9,84681,57758	2,13151	9,85212,18158	2,07985	9,99469,39600	4,21136	10,00530,60400	0	21
	10	9,84683,70887	2,13129	9,85210,10153	2,08005	9,99473,60734	4,21134	10,00526,39266	50	
	20	9,84685,83996	2,13109	9,85208,02128	2,08025	9,99477,81868	4,21134	10,00522,18132	40	
	30	9,84687,97085	2,13089	9,85205,94082	2,08046	9,99482,03003	4,21135	10,00517,96997	30	
	40	9,84690,10153	2,13068	9,85203,86016	2,08066	9,99486,24137	4,21134	10,00513,75863	20	
	50	9,84692,23200	2,13047	9,85201,77930	2,08086	9,99490,45270	4,21133	10,00509,54730	10	
40	0	9,84694,36226	2,13026	9,85199,69824	2,08106	9,99494,66402	4,21132	10,00505,33598	0	20
		Sin. Compl.	2,13006	SINVVM	2,08126	Tang.compl	4,21132	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,84694,36226	2,13006	9,85199,69824	2,08126	9,99494,66402	4,21132	10,00505,33598	0	20
	10	9,84696,49232	2,12984	9,85197,61698	2,08146	9,99498,87534	4,21131	10,00501,12466	50	
	20	9,84698,62216	2,12965	9,85195,53552	2,08167	9,99503,08665	4,21131	10,00496,91335	40	
	30	9,84700,75181	2,12945	9,85193,45385	2,08187	9,99507,29796	4,21131	10,00492,70204	30	
	40	9,84702,88126	2,12922	9,85191,37198	2,08207	9,99511,50927	4,21130	10,00488,49073	20	
	50	9,84705,01048	2,12903	9,85189,28991	2,08227	9,99515,72057	4,21130	10,00484,27943	10	
41	0	9,84707,13951	2,12881	9,85187,20764	2,08247	9,99519,93187	4,21129	10,00480,06813	0	19
	10	9,84709,26832	2,12862	9,85185,12517	2,08268	9,99524,14316	4,21129	10,00475,85684	50	
	20	9,84711,39694	2,12841	9,85183,04249	2,08288	9,99528,35445	4,21129	10,00471,64555	40	
	30	9,84713,52535	2,12820	9,85180,95961	2,08308	9,99532,56574	4,21128	10,00467,43426	30	
	40	9,84715,65355	2,12799	9,85178,87653	2,08328	9,99536,77702	4,21127	10,00463,22298	20	
	50	9,84717,78154	2,12778	9,85176,79325	2,08348	9,99540,98829	4,21126	10,00459,01171	10	
42	0	9,84719,90932	2,12758	9,85174,70977	2,08368	9,99545,19955	4,21126	10,00454,80045	0	18
	10	9,84722,03690	2,12737	9,85172,62609	2,08389	9,99549,41081	4,21126	10,00450,58919	50	
	20	9,84724,16427	2,12717	9,85170,54220	2,08409	9,99553,62207	4,21126	10,00446,37793	40	
	30	9,84726,29144	2,12696	9,85168,45811	2,08429	9,99557,83333	4,21125	10,00442,16667	30	
	40	9,84728,41840	2,12675	9,85166,37382	2,08449	9,99562,04458	4,21125	10,00437,95542	20	
	50	9,84730,54515	2,12656	9,85164,28933	2,08470	9,99566,25583	4,21125	10,00433,74417	10	
43	0	9,84732,67171	2,12634	9,85162,20463	2,08490	9,99570,46708	4,21124	10,00429,53292	0	17
	10	9,84734,79805	2,12614	9,85160,11973	2,08510	9,99574,67832	4,21124	10,00425,32168	50	
	20	9,84736,92419	2,12593	9,85158,03463	2,08530	9,99578,88956	4,21123	10,00421,11044	40	
	30	9,84739,05012	2,12573	9,85155,94933	2,08551	9,99583,10079	4,21124	10,00416,89921	30	
	40	9,84741,17585	2,12552	9,85153,86382	2,08571	9,99587,31203	4,21123	10,00412,68797	20	
	50	9,84743,30137	2,12531	9,85151,77811	2,08591	9,99591,52326	4,21122	10,00408,47674	10	
44	0	9,84745,42668	2,12511	9,85149,69220	2,08611	9,99595,73448	4,21122	10,00404,26552	0	16
	10	9,84747,55179	2,12490	9,85147,60609	2,08631	9,99599,94570	4,21121	10,00400,05430	50	
	20	9,84749,67669	2,12470	9,85145,51978	2,08652	9,99604,15691	4,21122	10,00395,84309	40	
	30	9,84751,80139	2,12449	9,85143,43326	2,08672	9,99608,36813	4,21121	10,00391,63187	30	
	40	9,84753,92588	2,12428	9,85141,34654	2,08692	9,99612,57934	4,21121	10,00387,42066	20	
	50	9,84756,05016	2,12409	9,85139,25962	2,08712	9,99616,79055	4,21119	10,00383,20945	10	
45	0	9,84758,17425	2,12385	9,85137,17250	2,08732	9,99621,00174	4,21119	10,00378,99824	0	15
	10	9,84760,29810	2,12367	9,85135,08518	2,08753	9,99625,21293	4,21119	10,00374,78707	50	
	20	9,84762,42177	2,12346	9,85132,99765	2,08773	9,99629,42412	4,21119	10,00370,57588	40	
	30	9,84764,54523	2,12326	9,85130,90992	2,08794	9,99633,63531	4,21120	10,00366,36469	30	
	40	9,84766,66849	2,12305	9,85128,82198	2,08814	9,99637,84651	4,21119	10,00362,15349	20	
	50	9,84768,79154	2,12284	9,85126,73384	2,08834	9,99642,05770	4,21119	10,00357,94230	10	
46	0	9,84770,91438	2,12265	9,85124,64550	2,08855	9,99646,26889	4,21119	10,00353,73111	0	14
	10	9,84773,03703	2,12243	9,85122,55695	2,08875	9,99650,48008	4,21118	10,00349,51992	50	
	20	9,84775,15946	2,12222	9,85120,46820	2,08894	9,99654,69126	4,21116	10,00345,30874	40	
	30	9,84777,28168	2,12201	9,85118,37926	2,08914	9,99658,90242	4,21115	10,00341,09758	30	
	40	9,84779,40309	2,12181	9,85116,29012	2,08935	9,99663,11357	4,21116	10,00336,88643	20	
	50	9,84781,52550	2,12161	9,85114,20077	2,08955	9,99667,32473	4,21116	10,00332,67527	10	
47	0	9,84783,64711	2,12140	9,85112,11122	2,08976	9,99671,53589	4,21116	10,00328,46411	0	13
	10	9,84785,76851	2,12120	9,85110,02146	2,08996	9,99675,74705	4,21116	10,00324,25295	50	
	20	9,84787,88971	2,12099	9,85107,93150	2,09016	9,99679,95821	4,21115	10,00320,04179	40	
	30	9,84790,01070	2,12078	9,85105,84134	2,09036	9,99684,16936	4,21114	10,00315,83064	30	
	40	9,84792,13148	2,12059	9,85103,75098	2,09057	9,99688,38050	4,21115	10,00311,61950	20	
	50	9,84794,25207	2,12037	9,85101,66041	2,09077	9,99692,59165	4,21115	10,00307,40835	10	
48	0	9,84796,37244	2,12017	9,85099,56964	2,09097	9,99696,80280	4,21114	10,00303,19720	0	12
	10	9,84798,49261	2,11996	9,85097,47867	2,09118	9,99701,01394	4,21114	10,00298,98606	50	
	20	9,84800,61257	2,11976	9,85095,38749	2,09138	9,99705,22508	4,21114	10,00294,77492	40	
	30	9,84802,73233	2,11955	9,85093,29611	2,09158	9,99709,43622	4,21113	10,00290,56378	30	
	40	9,84804,85188	2,11934	9,85091,20453	2,09178	9,99713,64735	4,21112	10,00286,35265	20	
	50	9,84806,97122	2,11913	9,85089,11275	2,09198	9,99717,85847	4,21111	10,00282,14153	10	
49	0	9,84809,09035	2,11892	9,85087,02077	2,09218	9,99722,06958	4,21111	10,00277,93042	0	11
	10	9,84811,20927	2,11873	9,85084,92859	2,09239	9,99726,28069	4,21111	10,00273,71931	50	
	20	9,84813,32800	2,11852	9,85082,83620	2,09260	9,99730,49180	4,21112	10,00269,50820	40	
	30	9,84815,44652	2,11832	9,85080,74360	2,09280	9,99734,70292	4,21112	10,00265,29708	30	
	40	9,84817,56484	2,11813	9,85078,65080	2,09301	9,99738,91404	4,21113	10,00261,08596	20	
	50	9,84819,68297	2,11791	9,85076,55779	2,09321	9,99743,12517	4,21113	10,00256,87483	10	
50	0	9,84821,80088		9,85074,46458		9,99747,33630		10,00252,66370	0	10
		Sin. Compl.	2,11771	SINVVM	2,09341	Tang.compl	4,21112	TANGEN.	S	M

M	S	SINVVM Logarithmi.	Differ.	Sin. Compl. Logarithmi.	Differ.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.	S	M
50	0	9,84821,80088		9,85074,46458		9,99747,33630		10,00252,66370	0	10
	10	9,84823,91859	2,11771	9,85072,37117	2,09341	9,99751,54742	4,21112	10,00248,45258	50	
	20	9,84826,03608	2,11749	9,85070,27756	2,09361	9,99755,75852	4,21110	10,00244,24148	40	
	30	9,84828,15337	2,11729	9,85068,18375	2,09381	9,99759,96962	4,21110	10,00240,03038	30	
	40	9,84830,27045	2,11708	9,85066,08974	2,09401	9,99764,18071	4,21109	10,00235,81929	20	
	50	9,84832,38733	2,11688	9,85063,99552	2,09422	9,99768,39181	4,21110	10,00231,60819	10	
51	0	9,84834,50400	2,11667	9,85061,90110	2,09442	9,99772,60290	4,21109	10,00227,39710	0	9
	10	9,84836,62046	2,11646	9,85059,80648	2,09462	9,99776,81399	4,21109	10,00223,18601	50	
	20	9,84838,73673	2,11627	9,85057,71165	2,09483	9,99781,02508	4,21109	10,00218,97492	40	
	30	9,84840,85279	2,11606	9,85055,61662	2,09503	9,99785,23617	4,21109	10,00214,76383	30	
	40	9,84842,96864	2,11585	9,85053,52139	2,09523	9,99789,44726	4,21109	10,00210,55274	20	
	50	9,84845,08430	2,11566	9,85051,42595	2,09544	9,99793,65835	4,21109	10,00206,34165	10	
52	0	9,84847,19974	2,11544	9,85049,33031	2,09564	9,99797,86944	4,21109	10,00202,13057	0	8
	10	9,84849,31499	2,11525	9,85047,23446	2,09585	9,99802,08053	4,21109	10,00197,91947	50	
	20	9,84851,43003	2,11504	9,85045,13839	2,09007	9,99806,29163	4,21110	10,00193,70837	40	
	30	9,84853,54486	2,11483	9,85043,04214	2,09625	9,99810,50272	4,21109	10,00189,49728	30	
	40	9,84855,65948	2,11462	9,85040,94569	2,09645	9,99814,71379	4,21107	10,00185,28621	20	
	50	9,84857,77389	2,11441	9,85038,84904	2,09665	9,99818,92485	4,21106	10,00181,07515	10	
53	0	9,84859,88810	2,11421	9,85036,75219	2,09685	9,99823,13590	4,21105	10,00176,86409	0	7
	10	9,84862,00209	2,11399	9,85034,65514	2,09705	9,99827,34695	4,21105	10,00172,65305	50	
	20	9,84864,11589	2,11380	9,85032,55788	2,09726	9,99831,55801	4,21106	10,00168,44199	40	
	30	9,84866,22949	2,11360	9,85030,46041	2,09747	9,99835,76908	4,21107	10,00164,23092	30	
	40	9,84868,34289	2,11340	9,85028,36273	2,09768	9,99839,98016	4,21108	10,00160,01984	20	
	50	9,84870,45609	2,11320	9,85026,26485	2,09788	9,99844,19124	4,21108	10,00155,80876	10	
54	0	9,84872,56908	2,11299	9,85024,16676	2,09809	9,99848,40232	4,21108	10,00151,59768	0	6
	10	9,84874,68187	2,11279	9,85022,06847	2,09829	9,99852,61340	4,21108	10,00147,38660	50	
	20	9,84876,79444	2,11257	9,85019,96998	2,09849	9,99856,82446	4,21106	10,00143,17554	40	
	30	9,84878,90681	2,11237	9,85017,87129	2,09869	9,99861,03552	4,21106	10,00138,96448	30	
	40	9,84881,01897	2,11216	9,85015,77240	2,09889	9,99865,24657	4,21105	10,00134,75343	20	
	50	9,84883,13093	2,11196	9,85013,67330	2,09910	9,99869,45763	4,21106	10,00130,54237	10	
55	0	9,84885,24269	2,11176	9,85011,57400	2,09930	9,99873,66869	4,21106	10,00126,33131	0	5
	10	9,84887,35424	2,11155	9,85009,47449	2,09951	9,99877,87975	4,21106	10,00122,12025	50	
	20	9,84889,46559	2,11135	9,85007,37478	2,09971	9,99882,09081	4,21106	10,00117,90919	40	
	30	9,84891,57673	2,11114	9,85005,27487	2,09991	9,99886,30186	4,21105	10,00113,69814	30	
	40	9,84893,68766	2,11093	9,85003,17476	2,10011	9,99890,51290	4,21104	10,00109,48710	20	
	50	9,84895,79838	2,11073	9,85001,07444	2,10032	9,99894,72395	4,21105	10,00105,27605	10	
56	0	9,84897,90891	2,11052	9,84998,97392	2,10052	9,99898,93499	4,21104	10,00101,06501	0	4
	10	9,84900,01924	2,11033	9,84996,87319	2,10073	9,99903,14605	4,21106	10,00096,85395	50	
	20	9,84902,12935	2,11011	9,84994,77226	2,10093	9,99907,35709	4,21104	10,00092,64291	40	
	30	9,84904,23926	2,10991	9,84992,67113	2,10113	9,99911,56813	4,21104	10,00088,43187	30	
	40	9,84906,34897	2,10971	9,84990,56979	2,10134	9,99915,77918	4,21105	10,00084,22082	20	
	50	9,84908,45847	2,10950	9,84988,46825	2,10154	9,99919,99022	4,21104	10,00080,00978	10	
57	0	9,84910,56778	2,10931	9,84986,36650	2,10175	9,99924,20128	4,21106	10,00075,79872	0	3
	10	9,84912,67687	2,10909	9,84984,26455	2,10195	9,99928,41232	4,21104	10,00071,58768	50	
	20	9,84914,78576	2,10889	9,84982,16240	2,10215	9,99932,62336	4,21104	10,00067,37664	40	
	30	9,84916,89444	2,10868	9,84980,06005	2,10235	9,99936,83439	4,21103	10,00063,16561	30	
	40	9,84919,00292	2,10848	9,84977,95749	2,10256	9,99941,04543	4,21104	10,00058,95457	20	
	50	9,84921,11120	2,10828	9,84975,85473	2,10276	9,99945,25647	4,21104	10,00054,74353	10	
58	0	9,84923,21928	2,10808	9,84973,75175	2,10298	9,99949,46752	4,21105	10,00050,53247	0	2
	10	9,84925,32714	2,10786	9,84971,64859	2,10316	9,99953,67855	4,21103	10,00046,32145	50	
	20	9,84927,43480	2,10766	9,84969,54521	2,10338	9,99957,88959	4,21104	10,00042,11041	40	
	30	9,84929,54226	2,10746	9,84967,44163	2,10358	9,99962,10063	4,21104	10,00037,89937	30	
	40	9,84931,64951	2,10725	9,84965,33785	2,10378	9,99966,31166	4,21103	10,00033,68834	20	
	50	9,84933,75656	2,10705	9,84963,23386	2,10399	9,99970,52270	4,21104	10,00029,47730	10	
59	0	9,84935,86342	2,10686	9,84961,12966	2,10420	9,99974,73376	4,21106	10,00025,26624	0	1
	10	9,84937,97006	2,10664	9,84959,02526	2,10440	9,99978,94480	4,21104	10,00021,05520	50	
	20	9,84940,07650	2,10644	9,84956,92066	2,10460	9,99983,15584	4,21104	10,00016,84416	40	
	30	9,84942,18274	2,10624	9,84954,81585	2,10481	9,99987,36689	4,21105	10,00012,63311	30	
	40	9,84944,28877	2,10603	9,84952,71084	2,10501	9,99991,57793	4,21104	10,00008,42207	20	
	50	9,84946,39460	2,10583	9,84950,60563	2,10521	9,99995,78897	4,21104	10,00004,21103	10	
60	0	9,84948,50021	2,10561	9,84948,50021	2,10542	10,00000,00000	4,21103	10,00000,00000	0	0
		Sin. Compl.		SINVVM		Tang.compl		TANGEN.	S	M

H.BRIGGII TABVLA

SIVE

CHILIADES VIGINTI LOGARITHMORVM pro numeris naturali ſerie creſcentibus ab Vnitate ad 20000.

 Chilias 1. Chilias 1.

Nu.	Logarithmi	Differ.	Nu.	Logarithmi	Differ.	Nu.	Logarithmi	Differ.
1	0,00000,00000		51	1,70757,01761	843,31675	101	2,00432,13738	427,87980
2	0,30102,99957	17609,12590	52	1,71600,33436	827,25260	102	2,00860,01718	423,70529
3	0,47712,12547	12493,87366	53	1,72427,58696	811,78902	103	2,01283,72247	419,61146
4	0,60205,99913	9691,00130	54	1,73239,37598	796,89297	104	2,01703,33393	415,59598
5	0,69897,00043	7918,12461	55	1,74036,26895	782,53375	105	2,02118,92991	411,65662
6	0,77815,12504	6694,67896	56	1,74818,80270	768,68287	106	2,02530,58653	407,79124
7	0,84509,80400	5799,19470	57	1,75587,48557	755,31379	107	2,02938,37777	403,99778
8	0,90308,99870	5115,25224	58	1,76342,79936	742,40180	108	2,03342,37555	400,27424
9	0,95424,25094	4575,74906	59	1,77085,20116	729,92388	109	2,03742.64979	396,61873
10	1,00000,00000	4139,26852	60	1,77815,12504	717,85846	110	2,04139,26852	393,02936
11	1,04139,26852	3778,85608	61	1,78532,98350	706,18545	111	2,04532,29788	389,50439
12	1,07918,12460	3476,21063	62	1,79239,16895	694,88600	112	2,04921,80227	386,04208
13	1,11394,33523	3218,46834	63	1,79934,05495	683,94245	113	2,05307,84435	382,64078
14	1,14612,80357	2996,32234	64	1,80617,99740	673,33826	114	2,05690,48513	379,29891
15	1,17609,12591	2802,87236	65	1,81291,33566	663,05789	115	2,06069,78404	376,01488
16	1,20411,99827	2632,89387	66	1,81954,39355	653,08672	116	2,06445,79892	372,78725
17	1,23044,89214	2482,35837	67	1,82607,48027	643,41100	117	2,06818,58617	369,61456
18	1,25527,25051	2348,10959	68	1,83250,89127	634,01780	118	2,07188,20073	366,49541
19	1,27875,36010	2227,63947	69	1,83884,90907	624,89493	119	2,07554,69614	363,42846
20	1,30102,99957	2118,92990	70	1,84509,80400	616,03087	120	2,07918,12460	360,41243
21	1,32221,92947	2020,33861	71	1,85125,83487	607,41477	121	2,08278,53703	357,44604
22	1,34242,26808	1930,51552	72	1,85733,24964	599,03637	122	2,08635,98307	354,52807
23	1,36172,78360	1848,34057	73	1,86332,28601	590,88596	123	2,08990,51114	351,65738
24	1,38021,12417	1772,87670	74	1,86923,17197	582,95437	124	2,09342,16852	348,83278
25	1,39794,00087	1703,33393	75	1,87506,12634	575,23289	125	2,09691,00130	346,05321
26	1,41497,33480	1639,04162	76	1,88081,35923	567,71329	126	2,10037,05451	343,31759
27	1,43136,37642	1579,42671	77	1,88649,07252	560,38775	127	2,10380,37210	340,62486
28	1,44715,80313	1523,99666	78	1,89209,46027	553,24886	128	2,10720,99696	337,97407
29	1,46239,79979	1472,32568	79	1,89762,70913	546,28957	129	2,11058,97103	335,36420
30	1,47712,12547	1424,04391	80	1,90308,93870	539,50319	130	2,11394,33523	332,79434
31	1,49136,16938	1378,82845	81	1,90848,50189	532,88335	131	2,11727,12957	330,26355
32	1,50514,99783	1336,39616	82	1,91381,38524	526,42400	132	2,12057,39312	327,77098
33	1,51851,39399	1296,49771	83	1,91907,80924	520,11937	133	2,12385,16410	325,31574
34	1,53147,89170	1258,91274	84	1,92427,92861	513,96396	134	2,12710,47984	322,89701
35	1,54406,80444	1223,44564	85	1,92941,89257	507,95255	135	2,13033,37685	320,51399
36	1,55630,25008	1189,92233	86	1,93449,84512	502,08014	136	2,13353,89084	318,16588
37	1,56820,17241	1158,18725	87	1,93951,92526	496,34196	137	2,13672,05672	315,85192
38	1,57978,35966	1128,10104	88	1,94448,26722	490,73344	138	2,13987,90864	313,57139
39	1,59106,46070	1099,53843	89	1,94939,00066	485,25028	139	2,14301,48003	311,32354
40	1,60205,99913	1072,38654	90	1,95424,25094	479,88829	140	2,14612,80357	309,10770
41	1,61278,38567	1046,54337	91	1,95904,13923	474,64350	141	2,14921,91127	306,92317
42	1,62324,92904	1021,91652	92	1,96378,78273	469,51213	142	2,15228,83444	304,76931
43	1,63346,84556	998,42209	93	1,96848,29486	464,49050	143	2,15533,60375	302,64546
44	1,64345,26765	975,98373	94	1,97312,78536	459,57517	144	2,15836,24921	300,55101
45	1,65321,25138	954,53179	95	1,97772,36053	454,76277	145	2,16136,80022	298,48536
46	1,66275,78317	934,00262	96	1,98227,12330	450,05013	146	2,16435,28558	296,44789
47	1,67209,78579	914,33795	97	1,98677,17343	445,43414	147	2,16731,73347	294,43807
48	1,68124,12374	895,48426	98	1,99122,60757	440,91189	148	2,17026,17154	292,45530
49	1,69019,60800	877,39243	99	1,99563,51946	436,48054	149	2,17318,62684	290,49907
50	1,69897,00043	860,01718	100	2,00000,00000	432,13738	150	2,17609,12591	288,56882

Chilias 1.

Nu.	Logarithmi	Differ.
151	2,17897,69473	286,66406
152	2,18184,35879	284,78429
153	2,18469,14308	282,92900
154	2,18752,07208	281,09774
155	2,19033,16982	279,29002
156	2,19312,45984	277,50540
157	2,19589,96524	275,74346
158	2,19865,70870	274,00373
159	2,20139,71243	272,28584
160	2,20411,99827	270,58933
161	2,20682,58760	268,91385
162	2,20951,50145	267,25899
163	2,21218,76044	265,62436
164	2,21484,38480	264,00962
165	2,21748,39442	262,41438
166	2,22010,80880	260,83831
167	2,22271,64711	259,28106
168	2,22530,92817	257,74229
169	2,22788,67946	256,22168
170	2,23044,89214	254,71890
171	2,23299,61104	253,23365
172	2,23552,84469	251,76562
173	2,23804,61031	250,31452
174	2,24054,92483	248,88004
175	2,24303,80487	247,46191
170	2,24551,26678	246,05986
177	2,24797,32664	244,67359
178	2,25042,00023	243,30287
179	2,25285,30310	241,94741
180	2,25527,25051	240,60698
181	2,25767,85749	239,28131
182	2,26007,13880	237,97017
183	2,20245,10897	236,67333
184	2,26481,78230	235,39054
185	2,26717,17284	234,12158
186	2,26951,29442	232,86623
187	2,27184,16065	231,62428
188	2,27415,78493	230,39549
189	2,27646,18042	229,17968
190	2,27875,36010	227,97662
191	2,28103,33672	226,78615
192	2,28330,12287	225,60803
193	2,28555,73090	224,44209
194	2,28780,17299	223,28815
195	2,29003,46114	222,14600
196	2,29225,60714	221,01548
197	2,29446,62262	219,89641
198	2,29666,51903	218,78861
199	2,29885,30764	217,69193
200	2,30102,99957	216,60617

Chilias 1.

Nu.	Logarithmi	Differ.
201	2,30319,60574	215,53120
202	2,30535,13694	214,46685
203	2,30749,60379	213,41295
204	2,30963,01674	212,36937
205	2,31175,38611	211,33593
206	2,31386,72204	210,31251
207	2,31597,03455	209,29895
208	2,31806,33350	208,29511
209	2,32014,62861	207,30086
210	2,32221,92947	206,31606
211	2,32428,24553	205,34056
212	2,32633,58609	204,37425
213	2,32837,96034	203,41699
214	2,33041,37733	202,46866
215	2,33243,84599	201,52913
216	2,33445,37512	200,59826
217	2,33645,97338	199,67598
218	2,33845,64936	198,76212
219	2,34044,41148	197,85660
220	2,34242,26808	196,95929
221	2,34439,22737	196,07008
222	2,34635,29745	195,18885
223	2,34830,48630	194,31553
224	2,35024,80183	193,44998
225	2,35218,25181	192,59210
226	2,35410,84391	191,74181
227	2,35602,58572	190,89898
228	2,35793,48470	190,06353
229	2,35983,54823	189,23537
230	2,36172,78360	188,41439
231	2,36361,19799	187,60050
232	2,36548,79849	186,79361
233	2,36735,59210	185,99364
234	2,36921,58574	185,20049
235	2,37106,78623	184,41407
236	2,37291,20030	183,63430
237	2,37474,83460	182,86111
238	2,37657,69471	182,09438
239	2,37839,79009	181,33408
240	2,38021,12417	180,58009
241	2,38201,70426	179,83234
242	2,38381,53660	179,09076
243	2,38560,62736	178,35527
244	2,38738,98263	177,62581
245	2,38916,60844	176,90227
246	2,39093,51071	176,18462
247	2,39269,69533	175,47275
248	2,39445,16808	174,76663
249	2;39619,93471	174,06616
250	2,39794,00087	173,37128

Chilias 1.

Nu.	Logarithmi	Differ.
251	2,39967,37215	172,68193
252	2,40140,05408	171,99804
253	2,40312,05212	171,31954
254	2,40483,37166	170,64638
255	2,40654,01804	169,97849
256	2,40823,99653	169,31580
257	2,40993,31233	168,65827
258	2,41161,97060	168,00581
259	2,41329,97641	167,35839
260	2,41497,33480	166,71593
261	2,41664,05073	166,07840
262	2,41830,12913	165,44572
263	2,41995,57485	164,81784
264	2,42160,39269	164,19470
265	2,42324,58739	163,57627
266	2,42488,16366	162,96248
267	2,42651,12614	162,35326
268	2,42813,47940	161,74860
269	2,42975,22800	161,14842
270	2,43136,37642	160,55267
271	2,43296,92909	159,96131
272	2,43456,89040	159,37430
273	2,43616,26470	158,79158
274	2,43775,05628	158,21310
275	2,43933,26938	157,63883
276	2,44090,90821	157,06870
277	2,44247,97691	156,50268
278	2,44404,47959	155,94074
279	2,44560,42033	155,38280
280	2,44715,80313	154,82886
281	2,44870,63199	154.27884
282	2,45024,91083	153,73272
283	2,45178,64355	153,19045
284	2,45331,83400	152,65200
285	2,45484,48600	152,11731
286	2,45636,60331	151,58636
287	2,45788,18967	151,05911
288	2,45939,24878	150,53550
289	2,46089,78428	150,01551
290	2,46239,79979	149,49911
291	2,46389,29890	148,98624
292	2,46538,28514	148,47690
293	2,46686,76204	147,97100
294	2,46834,73304	147,46856
295	2,46982,20160	146,96951
296	2,47129,17111	146,47382
297	2,47275,64493	145,98148
298	2,47421,62641	145,49242
299	2,47567,11883	145,00664
300	2,47712,12547	144,52409

301

Nu.	Logarithmi	Differ.
301	2,47856,64956	144,04474
302	2,48000,69430	143,56855
303	2,48144,26285	143,09551
304	2,48287,35836	142,62557
305	2,48429,98393	142,15872
306	2,48572,14265	141,69490
307	2,48713,83755	141,23410
308	2,48855,07165	140,77629
309	2,48995,84794	140,32144
310	2,49136,16938	139,86952
311	2,49276,03890	139,42050
312	2,49415,45940	138,97435
313	2,49554,43376	138,53106
314	2,49692,96481	138,09057
315	2,49831,05538	137,65288
316	2,49968,70826	137,21796
317	2,50105,92622	136,78578
318	2,50242,71200	136,35631
319	2,50379,06831	135,92952
320	2,50514,99783	135,50541
321	2,50650,50324	135,08393
322	2,50785,58717	134,66506
323	2,50920,25223	134,24879
324	2,51054,50102	133,83508
325	2,51188,33610	133,42391
326	2,51321,76001	133,01526
327	2,51454,77527	132,60910
328	2,51587,38437	132,20542
329	2,51719,58979	131,80420
330	2,51851,39399	131,40539
331	2,51982,79938	131,00899
332	2,52113,80837	130,61498
333	2,52244,42335	130,22333
334	2,52374,64668	129,83402
335	2,52504,48070	129,44704
336	2,52633,92774	129,06235
337	2,52762,99009	128,67994
338	2,52891,67003	128,29979
339	2,53019,96982	127,92188
340	2,53147,89170	127,54020
341	2,53275,43790	127,17271
342	2,53402,61061	126,80139
343	2,53529,41200	126,43226
344	2,53655,84426	126,06525
345	2,53781,90951	125,70037
346	2,53907,60988	125,33760
247	2,54032,94748	124,97691
348	2,54157,92439	124,61831
349	2,54282,54270	124,26174
350	2,54406,80444	123,90721

Nu.	Logarithmi	Differ.
351	2,54530,71165	123,55470
352	2,54654,26635	123,20419
353	2,54777,47054	122,85566
354	2,54900,32620	122,50911
355	2,55022,83531	122,16449
356	2,55144,99980	121,82181
357	2,55266,82161	121,48105
358	2,55388,30266	121,14220
359	2,55509,44486	120,80522
360	2,55630,25008	120,47011
361	2,55750,72019	120,13686
362	2,55870,85705	119,80545
363	2,55990,66250	119,47586
364	2,56110,13836	119,14809
365	2,56229,28645	118,82209
366	2,56348,10854	118,49789
367	2,56466,60643	118,17544
368	2,56584,78187	117,85475
369	2,56702,63662	117,53579
370	2,56820,17241	117,21855
371	2,56937,39096	116,90303
372	2,57054,29399	116,58919
373	2,57170,88318	116,27704
374	2,57287,16022	115,96655
375	2,57403,12677	115,65772
376	2,57518,78449	115,35053
377	2,57634,13502	115,04496
378	2,57749,17998	114,74102
379	2,57863,92100	114,43866
380	2,57978,35966	114,13791
381	2,58092,49757	113,83872
382	2,58206,33629	113,54111
383	2,58319,87740	113,24504
384	2,58433,12244	112,95051
385	2,58546,07295	112,65752
386	2,58658,73047	112,36603
387	2,58771,09650	112,07606
388	2,58883,17256	111,78757
389	2,58994,96013	111,50057
390	2,59106,46070	111,21504
391	2,59217,67574	110,93096
392	2,59328,60670	110,64834
393	2,59439,25504	110,36714
394	2,59549,62218	110,08738
395	2,59659,70956	109,80903
396	2,59769,51859	109,53209
397	2,59879,05068	109,25653
398	2,59988,30721	108,98236
399	2,60097,28957	108,70956
400	2,60205,99913	108,43813

Nu.	Logarithmi	Differ.
401	2,60314,43726	108,16805
402	2,60422,60531	107,89930
403	2,60530,50461	107,63190
404	2,60638,13651	107,36581
405	2,60745,50232	107,10104
406	2,60852,60336	106,83756
407	2,60959,44092	106,57539
408	2,61066,01631	106,31449
409	2,61172,33080	106,05487
410	2,61278,38567	105,79652
411	2,61384.18219	105,53941
412	2,61489,72160	105,28357
413	2,61595,00517	105,02894
414	2,61700,03411	104,77556
415	2,61804,80967	104,52339
416	2,61909,33306	104,27244
417	2,62013,60550	104,02268
418	2,62117,62818	103,77412
419	2,62221,40230	103,52674
420	2,62324,92904	103,28054
421	2,62428,20958	103,03552
422	2,62531,24510	102,79164
423	2,62634,03674	102,54892
424	2,62736,58566	102,30735
425	2,62838,89301	102,06690
426	2,62940,95991	101,82759
427	2,63042,78750	101,58940
428	2,63144,37690	101,35232
429	2,63245,72922	101,11634
430	2,63346,84556	100,88146
431	2,63447,72702	100,64766
432	2,63548,37468	100,41496
433	2,63648,78964	100,18331
434	2,63748,97295	99,95275
435	2,63848,92570	99,72323
436	2,63948,64893	99,49477
437	2,64048,14370	99,26735
438	2,64147,41105	99,04097
439	2,64246,45202	98,81563
440	2,64345,26765	98,59130
441	2,64443,85895	98,36798
442	2,64542,22693	98,14569
443	2,64640,37262	97,92439
444	2,64738,29701	97,70409
445	2,64836,00110	97,48477
446	2,64933,48587	97,26644
447	2,65030,75231	97,04909
448	2,65127,80140	96,83270
449	2,65224,63410	96,61728
450	2,65321,25138	96,40281

Nu.	Logarithmi	Differ.	Nu.	Logarithmi	Differ.	Nu.	Logarithmi	Differ.
451	2,65417,65419	96,18929	501	2,69983,77259	86,59912	551	2,74115,15989	78,74788
452	2,65513,84348	95,97672	502	2,70070,37171	86,42680	552	2,74193,90777	78,60536
453	2,65609,82020	95,76509	503	2,70156,79851	86,25513	553	2,74272,51313	78,46334
454	2,65705,58529	95,55438	504	2,70243,05364	86,08417	554	2,74350,97647	78,32184
455	2,65801,13967	95,34460	505	2,70329,13781	85,91387	555	2,74429,29831	78,18085
456	2,65896,48427	95,13574	506	2,70415,05168	85,74425	556	2,74507,47916	78,04036
457	2,65991,62001	94,92779	507	2,70500,79593	85,57530	557	2,74585,51952	77,90038
458	2,66086,54780	94,72075	508	2,70586,37123	85,40700	558	2,74663,41990	77,76089
459	2,66181,26855	94,51462	509	2,70671,77823	85,23938	559	2,74741,18079	77,62191
460	2,66275,78317	94,30937	510	2,70757,01761	85,07240	560	2,74818,80270	77,48343
461	2,66370,09254	94,10502	511	2,70842,09001	84,90609	561	2,74896,28613	77,34543
462	2,66464,19756	93,90154	512	2,70926,99610	84,74041	562	2,74973,63156	77,20793
463	2,66558,09910	93,69896	513	2,71011,73651	84,57539	563	2,75050,83949	77,07091
464	2,66651,79806	93,49723	514	2,71096,31190	84,41100	564	2,75127,91040	76,93438
465	2,66745,29529	93,29638	515	2,71180,72290	84,24726	565	2,75204,84478	76,79834
466	2,66838,59167	93,09639	516	2,71264,97016	84,08415	566	2,75281,64312	76,66277
467	2,66931,68806	92,89725	517	2,71349,05431	83,92166	567	2,75358,30589	76,52768
468	2,67024,58531	92,69896	518	2,71432,97597	83,75981	568	2,75434,83357	76,39307
469	2,67117,28427	92,50152	519	2,71516,73578	83,59858	569	2,75511,22664	76,25893
470	2,67209,78579	92,30492	520	2,71600,33436	83,43797	570	2,75587,48557	76,12525
471	2,67302,09071	92,10915	521	2,71683,77233	83,27797	571	2,75663,61082	75,99206
472	2,67394,19986	91,91421	522	2,71767,05030	83,11859	572	2,75739,60288	75,85932
473	2,67486,11407	91,72010	523	2,71850,16889	82,95981	573	2,75815,46220	75,72704
474	2,67577,83417	91,52679	524	2,71933,12870	82,80164	574	2,75891,18924	75,59523
475	2,67669,36096	91,33431	525	2,72015,93034	82,64408	575	2,75966,78447	75,46387
476	2,67760,69527	91,14263	526	2,72098,57442	82,48710	576	2,76042,24834	75,33298
477	2,67851,83790	90,95176	527	2,72181,06152	82,33073	577	2,76117,58132	75,20252
478	2,67942,78966	90,76168	528	2,72263,39225	82,17495	578	2,76192,78384	75,07253
479	2,68033,55134	90,57240	529	2,72345,56720	82,01976	579	2,76267,85637	74,94299
480	2,68124,12374	90,38390	530	2,72427,58696	81,86515	580	2,76341,79936	54,81388
481	2,68214,50764	90,19618	531	2,72509,45211	81,71112	581	2,76417,61324	74,68522
482	2,68304,70382	90,00926	532	2,72591,16323	81,55767	582	2,76492,29846	74,55702
483	2,68394,71308	89,82308	533	2,72672,72090	81,40480	583	2,76566,85548	74,42923
484	2,68484,53616	89,63770	534	2,72754,12570	81,25250	584	2,76641,28471	74,30190
485	2,68574,17386	89,45307	535	2,72835,37820	81,10077	585	2,76715,58661	74,17499
486	2,68663,62693	89,26919	536	2,72916,47897	80,94960	586	2,76789,76160	74,04852
487	2,68752,89612	89,08608	537	2,72997,42857	80,79900	587	2,76863,81012	73,92249
488	2,68841,98220	88,90371	538	2,73078,22757	80,64895	588	2,76937,73261	73,79687
489	2,68930,88591	88,72209	539	2,73158,87652	80,49946	589	2,77011,52948	73,67168
490	2,69019,60800	88,54121	540	2,73239,37598	80,35053	590	2,77985,20116	73,54693
491	2,69108,14921	88,36107	541	2,73319,72651	80,20214	591	2,77158,74809	73,42258
492	2,69196,51028	88,18165	542	2,73399,92865	80,05431	592	2,77232,17067	73,29867
493	2,69284,69193	88,00296	543	2,73479,98296	79,90701	593	2,77305,46934	73,17516
494	2,69372,69489	87,82500	544	2,73559,88997	79,76026	594	2,77378,64450	73,05207
495	2,69460,51989	87,64776	545	2,73639,65023	79,61404	595	2,77451,69657	72,92940
496	2,69548,16765	87,47122	546	2,73719,26427	79,46836	596	2,77524,62597	72,80714
497	2,69635,63887	87,29541	547	2,73798,73263	79,32322	597	2,77597,43311	72,68529
498	2,69722,93428	87.12028	548	2,73878,05585	79,17860	598	2,77670,11840	72,56384
499	2,69810,05456	86,94587	549	2,73957,23445	79,03450	599	2,77742,68224	72,44280
500	2,69897,00043	86,77216	550	2,74036,26895	78,89094	600	2,77815,12504	72,32216

601

Num.	Logarithmi	Differ.
601	2,77887,44720	72,20193
602	2,77959,64913	72,08208
603	2,78031,73121	71,96265
604	2,78103,69386	71,84361
605	2,78175,53747	71‘72495
606	2,78247,26242	71,60669
607	2,78318,86911	71,48882
608	2,78390,35793	71,37133
609	2,78461,72926	71,25424
610	2,78532,98350	71,13752
611	2.78604,12102	71,02119
612	2,78675,14221	70,90524
613	2,78746,04745	70,78966
614	2,78816,83711	70,67447
615	2,78887,51158	70,55964
616	2,78958,07122	70,44518
617	2,79028,51640	70,33111
618	2,79098‘84751	70,21739
619	2,79169,06490	70,10405
620	2,79239‘16895	69,99107
621	2,79309,16002	69,87845
622	2,79379,03847	69,76620
623	2,79448,80467	69,65430
624	2,79518,45897	69,54276
625	2.79588‘00173	69,43159
626	2,79657,43332	69,32076
627	2,79726,75408	69,21029
628	2,79795,96437	69,10017
629	2,79865,06454	68,99041
630	2,79934,05495	68,88097
631	2,80002,93592	68,77191
632	2,80071,70783	68,66317
633	2,80140,37100	68,55479
634	2,80208,92579	68,44674
635	2,80277,37253	68,33903
636	2,80345,71156	68,23167
637	2,80413,94323	68,12464
638	2,80482,06787	68,91795
639	2,80550,08582	67,91158
640	2,80617,99740	67,80555
641	2,80685,80295	67,69986
642	2,80753,50281	67,59448
643	2,80821,09729	67,48945
644	2,80888,58674	67,38472
645	2,80955,97146	67,28034
646	2,81023,25180	67,17627
647	2,81090,42807	67,07252
648	2,81157,50059	66,96909
649	2,81224,46968	66,86598
650	2,81291,33566	66,76320

Num.	Logarithmi	Differ.
651	2,81358,09886	66,66071
652	2,81424,75957	66,55856
653	2,81491,31813	66,45670
654	2,81557,77483	66,35517
655	2,81624,13000	66,25394
656	2,81690,38394	66,15302
657	2,81756,53696	66,05240
658	2.81822,58936	65,95210
659	2,81888,54146	65,85209
660	2,81954,39355	65,75240
661	2,82020,14595	65,65299
662	2,82085,79894	65,55390
663	2,82151,35284	65,45510
664	2,82216,80794	65,35659
665	2,82282,16453	65,25839
666	2,82347,42292	65,16047
667	2,82412,58339	65,06286
668	2,82477,64625	64,96553
669	2,82542,61178	64,86849
670	2,82607,48027	64,77175
671	2,82672,25202	64,67529
672	2,82736,92731	64,57911
673	2,82801,50642	64,48323
674	2,82865,98965	64,38763
675	2,82930,37728	64,29231
676	2,82994,66959	64,19728
677	2,83058,86687	64,10252
678	2,83122,96939	64,00804
679	2,83186,97743	63,91384
680	2,83250,89127	63,81992
681	2,83314,71119	63,72628
682	2,83378,43747	63,63290
683	2,83442,07037	63,53980
684	2,83505,61017	63,44698
685	2,83569,05715	63,35442
686	2,83632,41157	63,26214
687	2,83695,67371	63,17011
688	2,83758,84382	63,07837
689	2,83821,92219	62,98688
690	2,83884,90907	62,89567
691	2,83947,80474	62,80471
692	2,84010,60945	62,71401
693	2,84073,32346	62,62359
694	2,84135,94705	62,53341
695	2.84198,48046	62,44350
696	2,84260,92396	62,35385
697	2,84323,27781	62,26445
698	2,84385,54226	62,17531
699	2,84447,71757	62,08643
700	2,84509,80400	61,99780

Num.	Logarithmi	Differ.
701	2,84571,80180	61,90941
702	2,84633,71121	61,82129
703	2,84695,53250	61,73341
704	2,84757,26591	61,64579
705	2,84818,91170	61,55841
706	2,84880,47011	61,47127
707	2,84941,94138	61,38439
708	2,85003,32577	61,29775
709	2,85064,62352	61,21135
710	2,85125,83487	61,12520
711	2,85186,96007	61,03929
712	2,85247,99936	60,95363
713	2,85308,95299	60,86819
714	2,85369,82118	60,78300
715	2,85430,60418	60,69805
716	2,85491,30223	60,61334
717	2,85551,91557	60,52885
718	2,85612,44442	60,44462
719	2,85672,88904	60,36060
720	2,85733,24964	60,27683
721	2,85793,52647	60,19329
722	2,85853,71976	60,10997
723	2,85913,82973	60,02689
724	2,85973,85662	59,94404
725	2,86033,80066	59,86141
726	2,86093,66207	59,77902
727	2,86153,44109	59,69684
728	2,86213,13793	59,61490
729	2,86272,75283	59,53318
730	2,86332,28601	59,45169
731	2,86391,73770	59,37041
732	2,86451,10811	59,28935
733	2,86510,39746	59,20853
734	2,86569,60599	59,12792
735	2,86628,73391	59,04752
736	2,86687,78143	58,96736
737	2,86746,74879	58,88739
738	2,86805,63618	58,80766
739	2,86864,44384	58,72813
740	2,86923,17197	58,64883
741	2,86981,82080	58,56973
742	2,87040,39053	58,49085
743	2,87098,88138	58,41217
744	2,87157,29355	58,33372
745	2,87215,62727	58,25548
746	2,87273,88275	58,17743
747	2,87332,06018	58,09961
748	2,87390,15979	58,02198
749	2,87448,18177	57,94457
750	2,87506,12634	57,86736

Num.	Logarithmi	Differ.
751	2,87563,99370	57,79036
752	2,87621,78406	57,71356
753	2,87679,49762	57,63697
754	2,87737,13459	57,56057
755	2,87794,69516	57,48439
756	2,87852,17955	57,40840
757	2,87909,58795	57,33261
758	2,87966,92056	57,25703
759	2,88024,17759	57,18164
760	2,88081,35923	57,10645
761	2,88138,46568	57,03145
762	2,88195,49713	56,95667
763	2,88252,45380	56,88206
764	2,88309,33586	56,80766
765	2,88366,14352	56,73344
766	2,88422,87696	56,65943
767	2,88479,53639	56,58561
768	2,88536,12200	56,51198
769	2,88592,63398	56,43854
770	2,88649,07252	56,36529
771	2,88705,43781	56,29222
772	2,88761,73003	56,21936
773	2,88817,94939	56,14668
774	2,88874,09607	56,07418
775	2,88930,17025	56,00188
776	2,88986,17213	55,92975
777	2,89042,10188	55,85782
778	2,89097,95970	55,78207
779	2,89153,74577	55,71450
780	2,89209,46027	55,64312
781	2,89265,10339	55,57192
782	2,89320,67531	55,50090
783	2,89376,17621	55,43006
784	2,89431,60627	55,35940
785	2,89486,96567	55,28893
786	2,89542,25460	55,21864
787	2,89597,47324	55,14851
788	2,89652,62175	55,07857
789	2,89707,70032	55,00881
790	2,89762,70913	54,93922
791	2,89817,64835	54,86981
792	2,89872,51816	54,80057
793	2,89927,31873	54,73151
794	2,89982,05024	54,66263
795	2,90036,71287	54,59390
796	2,90091,30677	54,52537
797	2,90145,83214	54,45700
798	2,90200,28914	54,38879
799	2,90254,67793	54,32077
800	2,90308,99870	54,25291

Num.	Logarithmi	Differ.
801	2,90363,25161	54,18522
802	2,90417,43683	54,11770
803	2,90471,55453	54,05034
804	2,90525,60487	53,98317
805	2,90579,58804	53,91614
806	2,90633,50418	53,84929
807	2,90687,35347	53,78261
808	2,90741,13608	53,71608
809	2,90794,85216	53,64973
810	2,90848,50189	53,58353
811	2,90902,08542	53,51750
812	2,90955,60292	53,45164
813	2,91009,05456	53,38593
814	2,91062,44049	53,32038
815	2,91115,76087	53,25501
816	2,91169,01588	53,18977
817	2,91222,20565	53,12472
818	2,91275,33037	53,05981
819	2,91328,39018	52,99506
820	2,91381,38524	52,93047
821	2,91434,31571	52,86604
822	2,91487,18175	52,80177
823	2,91539,98352	52,73765
824	2,91592,72117	52,67368
825	2,91645,39485	52,60988
826	2,91698,00473	52,54623
827	2,91750,55090	52,48272
828	2,91803,03368	52,41938
829	2,91855,45306	52,35618
830	2,91907,80924	52,29314
831	2,91960,10238	52,23025
832	2,92012,33263	52,16751
833	2,92064,50014	52,10492
834	2,92116,60506	52,04249
835	2,92168,64755	51,98019
836	2,92220,62774	51,91806
837	2,92272,54580	51,85606
838	2,92324,40186	51,79422
839	2,92376,19608	51,73253
840	2,92427,92861	51,67097
841	2,92479,59958	51,60957
842	2,92531,20915	51,54831
843	2,92582,75746	51,48720
844	2,92634,24466	51,42623
845	2,92685,67089	51,36541
846	2,92737,03630	51,30473
847	2,92788,34103	51,24420
848	2,92839,58523	51,18379
849	2,92890,76902	51,12355
850	2,92941,89257	51,06344

Num.	Logarithmi	Differ.
851	2,92992,95601	51,00347
852	2,93043,95948	50,94364
853	2,93094,90312	50,88395
854	2,93145,78707	50,82440
855	2,93196,61147	50,76500
856	2,93247,37647	50,70572
857	2,93298,08219	50,64659
858	2,93348,72878	50,58760
859	2,93399,31638	50,52874
860	2,93449,84512	50,47003
861	2,93500,31515	50,41143
862	2,93550,72658	50,35300
863	2,93601,07958	50,29467
864	2,93651,37425	50,23650
865	2,93701,61075	50,17845
866	2,93751,78920	50,12055
867	2,93801,90975	50,06277
868	2,93851,97252	50,00513
869	2,93901,97765	49,94761
870	2,93951,92526	49,89024
871	2,94001,81550	49,83299
872	2,94051,64849	49,77588
873	2,94101,42437	49,71889
874	2,94151,14326	49,66204
875	2,94200,80530	49,60532
876	2,94250,41062	49,54872
877	2,94299,95934	49,49225
878	2,94349,45159	49,43592
879	2,94398,88751	49,37971
880	2,94448,26722	49,32362
881	2,94497,59084	49,26767
882	2,94546,85851	49,21185
883	2,94596,07036	49,15614
884	2,94645,22650	49,10057
885	2,94694,32707	49,04512
886	2,94743,37219	48,98979
887	2,94792,36198	48,93460
888	2,94841,29658	48,87952
889	2,94890,17610	48,82456
890	2,94939,00066	48,76974
891	2,94987,77040	48,71504
892	2,95036,48544	48,66045
893	2,95085,14589	48,60599
894	2,95133,75188	48,55165
895	2,95182,30353	48,49744
896	2,95230,80097	48,44333
897	2,95279,24430	48,38937
898	2,95327,63367	48,33550
899	2,95375,96917	48,28177
900	2,95424,25094	48,22816

Num.	Logarithmi	Differ.
901	2,95472,47910	48,17465
902	2,95520,65375	48,12128
903	2,95568,77503	48,06802
904	2,95616,84305	48,01487
905	2,95664,85792	47,96185
906	2,95712,81977	47,90894
907	2,95760,72871	47,85614
908	2,95808,58485	47,80347
909	2,95856,38832	47,75091
910	2,95904,13923	47,69847
911	2,95951,83770	47,64613
912	2,95999,48383	47,59392
913	2,96047,07775	47,54182
914	2,96094,61957	47,48984
915	2,96142,10941	47,43796
916	2,96189,54737	47,38620
917	2,96236,93357	47,33455
918	2,96284,26812	47,28302
919	2,96331,55114	47,23159
920	2,96378,78273	47,18029
921	2,96425,96302	47,12909
922	2,96473,09211	47,07799
923	2,96520,17010	47,02702
924	2,96567,19712	46,97615
925	2,96614,17327	46,92540
926	2,96661,09867	46,87474
927	2,96707,97341	46,82421
928	2,96754,79762	46,77378
929	2,96801,57140	46,72346
930	2,96848,29486	46,67324
931	2,96894,96810	46,62314
932	2,96941,59124	46,57313
933	2,96988,16437	46,52325
934	2,97034,68762	46,47347
935	2,97081,16109	46,42378
936	2,97127,58487	46,37422
937	2,97173,95909	46,32475
938	2,97220,28384	46,27539
939	2,97266,55923	46,22613
940	2,97312,78536	46,17698
941	2,97358,96234	46,12794
942	2,97405,09028	46,07899
943	2,97451,16927	46,03016
944	2,97497,19943	45,98142
945	2,97543,18085	45,93279
946	2,97589,11364	45,88426
947	2,97634,99790	45,83583
948	2,97680,83373	45,78751
949	2,97726,62124	45,73929
950	2,97772,36053	45,69116

Num.	Logarithmi	Differ.
951	2,97818,05169	45,64315
952	2,97863,69484	45,59522
953	2,97909,29006	45,54741
954	2,97954,83747	45,49969
955	2,98000,33716	45,45207
956	2,98045,78923	45,40455
957	2,98091,19378	45,35713
958	2,98136,55091	45,30981
959	2,98181,86072	45,26258
960	2,98227,12330	45,21547
961	2,98272,33877	45,16843
962	2,98317,50720	45,12151
963	2,98362,62871	45,07468
964	2,98407,70339	45,02794
965	2,98452,73133	44,98131
966	2,98497,71264	44,93477
967	2,98542,64741	44,88832
968	3,98587,53573	44,84198
979	2,98632,37771	44,79572
970	2,98677,17343	44,74956
971	2,98721,92299	44,70350
972	2,98766,62649	44,65754
973	2,98811,28403	44,61166
974	2,98855,89569	44,56588
975	2,98900,46157	44,52020
976	2,98944,98177	44,47460
977	2,98989,45637	44,42911
978	2,99033,88548	44,38370
979	2,99078,26918	44,33839
980	2,99122,60757	44,29317
981	2,99166,90074	44,24804
982	2,99211,14878	44,20300
983	2,99255,35178	44,15806
984	2,99299,50984	44,11321
985	2,99343,62305	44,06844
986	2,99387,69149	44,02378
987	2,99431,71527	43,97919
988	2,99475,69446	43,93470
989	2,99519,62916	43,89030
990	2,99563,51946	43,84599
991	2,99607,36545	43,80177
992	2,99651,16722	43,75763
993	2,99694,92485	43,71359
994	2,99738,63844	43,66963
995	2,99782,30807	43,62577
996	2,99825,93384	43,58199
997	2,99869,51583	43,53830
998	2,99913,05413	43,49469
999	2,99956,54882	43,45118
1000	3,00000,00000	43,40775

Num.	Logarithmi	Differ.
1001	3,00043,40775	43,36440
1002	3,00086,77215	43,32115
1003	3,00130,09330	43,27798
1004	3,00173,37128	43,23490
1005	3,00216,60618	43,19189
1006	3,00259,79807	43,14899
1007	3,00302,94706	43,10615
1008	3,00346,05321	43,06341
1009	3,00389,11662	43,02076
1010	3,00432,13738	42,97818
1011	3,00475,11556	42,93569
1012	3,00518,05125	42,89329
1013	3,00560,94454	42,85096
1014	3,00603,79550	42,80872
1015	3,00646,60422	42,76657
1016	3,00689,37079	42,72450
1017	3,00732,09529	42,68251
1018	3,00774,77780	42,64060
1019	3,00817,41840	42,59878
1020	3,00860,01718	42,55703
1021	3,00902,57421	42,51537
1022	3,00945,08958	42,47379
1023	3,00987,56337	42,43229
1024	3,01029,99566	42,39088
1025	3,01072,38654	42,34954
1026	3,01114,73608	42,30828
1027	3,01157,04436	42,26711
1028	3,01199,31147	42,22601
1029	3,01241,53748	42,18499
1030	3,01283,72247	42,14406
1031	3,01325,86653	42,10320
1032	3,01367,96973	42,06242
1033	3,01410,03215	42,02173
1034	3,01452,05388	41,98110
1035	3,01494,03498	41,94056
1036	3,01535,97554	41,90010
1037	3,01577,87564	41,85971
1038	3,01619,73535	41,81941
1039	3,01661,55476	41,77917
1040	3,01703,33393	41,73902
1041	3,01745,07295	41,69895
1042	3,01786,77190	41,65894
1043	3,01828,43084	41,61903
1044	3,01870,04987	41,57917
1045	3,01911,62904	41,53941
1046	3,01953,16845	41,49972
1047	3,01994,66817	41,46009
1048	3,02036,12826	41,42056
1049	3,02077,54882	41,38109
1050	3,02118,92991	41,34169

Num.	Logarithmi	Differ.
1051	3,02160,27160	41,30238
1052	3,02201,57398	41,26314
1053	3,02242,83712	41,22397
1054	3,02284,06109	41,18487
1055	3,02325,24596	41,14586
1056	3,02366,39182	41,10691
1057	3,02407,49873	41,06804
1058	3,02448,56677	41,02924
1059	3,02489,59601	40,99052
1060	3,02530,58653	40,95186
1061	3,02571,53839	40,91328
1062	3,02612,45167	40,87478
1063	3,02653,32645	40,83635
1064	3,02694,16280	40,79798
1065	3,02734,96078	40,75969
1066	3,02775,72047	40,72147
1067	3,02816,44194	40,68333
1068	3,02857,12527	40,64525
1069	3,02897,77052	40,60725
1070	3,02938,37777	40,56931
1071	3,02978,94708	40,53146
1072	3,03019,47854	40,49366
1073	3,03059,97220	40,45594
1074	3,03100,42814	40,41829
1075	3,03140,84643	40,38070
1076	3,03181,22713	40,34320
1077	3,03221,57033	40,30576
1078	3,03261,87609	40,26838
1079	3,03302,14447	40,23108
1080	3,03342,37555	40,19385
1081	3,03382,56940	40,15668
1082	3,03422,72608	40,11958
1083	3,03462,84566	40,08256
1084	3,03502,92822	40,04560
1085	3,03542,97382	40,00871
1086	3,03582,98253	39,97188
1087	3,03622,95441	39,93513
1088	3,03662,88954	39,89844
1089	3,03702,78798	39,86181
1090	3,03742,64979	39,82527
1091	3,03782,47506	39,78878
1092	3,03822,26384	39,75235
1093	3,03862,01619	39,71601
1094	3,03901,73220	39,67972
1095	3,03941,41192	39,64349
1096	3,03981,05541	39,60735
1097	3,04020,66276	39,57125
1098	3,04060,23401	39,53523
1099	3,04099,76924	39,49928
1100	3,04139,26852	39,46338

Num.	Logarithmi	Differ.
1101	3,04178,73190	39,42755
1102	3,04218,15945	39,39179
1103	3,04257,55124	39,35610
1104	3,04296,90734	39,32046
1105	3,04336,22780	39,28490
1106	3,04375,51270	39,24939
1107	3,04414,76209	39,21395
1108	3,04453,97604	39,17857
1109	3,04493,15461	39,14327
1110	3,04532,29788	39,10801
1111	3,04571,40589	39,07283
1112	3,04610,47872	39,03771
1113	3,04649,51643	39,00265
1114	3,04688,51908	38,96766
1115	3,04727,48674	38,93272
1116	3,04766,41946	38,89785
1117	3,04805,31731	38,86305
1118	3,04844,18036	38,82829
1119	3,04883,00865	38,79362
1120	3,04921,80227	38,75899
1121	3,04960,56126	38,72443
1122	3,04999,28569	38,68994
1123	3,05037,97563	38,65549
1124	3,05076,63112	38,62112
1125	3,05115,25224	38,58681
1126	3,05153,83905	38,55255
1127	3,05192,39160	38,51836
1128	3,05230,90996	38,48423
1129	3,05269,39419	38,45016
1130	3,05307,84435	38,41614
1131	3,05346,26049	38,38220
1132	3,05384,64269	38,34830
1133	3,05422,99099	38,31447
1134	3,05461,30546	38,28069
1135	3,05499,58615	38,24699
1136	3,05537,83314	38,21333
1137	3,05576,04647	38,17974
1138	3,05614,22621	38,14620
1139	3,05652,37241	38,11272
1140	3,05690,48513	38,07931
1141	3,05728,56444	38,04595
1142	3,05766,61039	38,01265
1143	3,05804,62304	37,97941
1144	3,05842,60245	37,94622
1145	3,05880,54867	37,91309
1146	3,05918,46176	37,88003
1147	3,05956,34179	37,84702
1148	3,05994,18881	37,81406
1149	3,06032,00287	37,78117
1150	3,06069,78404	37,74832

Num.	Logarithmi	Differ.
1151	3,06107,53236	37,71555
1152	3,06145,24791	37,68282
1153	3,06182,93073	37,65015
1154	3,06220,58088	37,61754
1155	3,06258,19842	37,58499
1156	3,06295,78341	37,55249
1157	3,06333,33590	37,52004
1158	3,06370,85594	37,48766
1159	3,06408,34360	37,45532
1160	3,06445,79892	37,42305
1161	3,06483,22197	37,39084
1162	3,06520,61281	37,35866
1163	3,06557,97147	37,32656
1164	3,06595,29803	37,29451
1165	3,06632,59254	37,26250
1166	3,06669,85504	37,23056
1167	3,06707,08560	37,19868
1168	3,06744,28428	37,16684
1169	3,06781,45112	37,13505
1170	3,06818,58617	37,10334
1171	3,06855,68951	37,07166
1172	3,06892,76117	37,04004
1173	3,06929,80121	37,00848
1174	3,06966,80969	36,97697
1175	3,07003,78666	36,94551
1176	3,07040,73217	36,91411
1177	3,07077,64628	36,88277
1178	3,07114,52905	36,85146
1179	3,07151,38051	36,82022
1180	3,07188,20073	36,78903
1181	3,07224,98976	36,75789
1182	3,07261,74765	36,72681
1183	3,07298,47446	36,69578
1184	3,07335,17024	36,66479
1185	3,07371,83503	36,63387
1186	3,07408,46890	36,60300
1187	3,07445,07190	36,57216
1188	3,07481,64406	36,54140
1189	3,07518,18546	36,51068
1190	3,07554,69614	36,48001
1191	3,07591,17615	36,44939
1192	3,07627,62554	36,41883
1193	3,07664,04437	36,38831
1194	3,07700,43268	36,35785
1195	3,07736,79053	36,32744
1196	3,07773,11797	36,29707
1197	3,07809,41504	36,26677
1198	3,07845,68181	36,23650
1199	3,07881,91831	36,20629
1200	3,07918,12460	36,17614

Num.	Logarithmi	Differ.
1201	3,07954,30074	36,14603
1202	3,07990,44677	36,11596
1203	3,08026,56273	36,08596
1204	3,08062,64869	36,05600
1205	3,08098,70469	36,02609
1206	3,08134,73078	35,99623
1207	3,08170,72701	35,96642
1208	3,08206,69343	35,93666
1209	3,08242,63009	35,90694
1210	3,08278,53703	35,87728
1211	3,08314,41431	35,84767
1212	3,08350,26198	35,81811
1213	3,08386,08009	35,78858
1214	3,08421,86867	35,75912
1215	3,08457,62779	35,72970
1216	3,08493,35749	35,70033
1217	3,08529,05782	35,67101
1218	3,08564,72883	35,64173
1219	3,08600,37056	35,61251
1220	3,08635,98307	35,58332
1221	3,08671,56639	35,55420
1222	3,08707,12059	35,52511
1223	3,08742,64570	35,49608
1224	3,08778,14178	35,46709
1225	3,08813,60887	35,43815
1226	3,08849,04702	35,40925
1227	3,08884,45627	35,38041
1228	3,08919,83668	35,35161
1229	3,08955,18829	35,32285
1230	3,08990,51114	35,29415
1231	3,09025,80529	35,26549
1232	3,09061,07078	35,23688
1233	3,09096,30766	35,20831
1234	3,09131,51597	35,17979
1235	3,09166,69576	35,15132
1236	3,09201,84708	35,12288
1237	3,09236,96996	35,09451
1238	3,09272,06447	35,05617
1239	3,09307,12064	35,04788
1240	3,09342,16852	35,00963
1241	3,09377,17815	34,98143
1242	3,09412,15958	34,95328
1243	3,09447,11286	34,92518
1244	3,09482,03804	34,89710
1245	3,09516,93514	34,86909
1246	3,09551,80423	34,84112
1247	3,09586,64535	34,81318
1248	3,09621,45853	34,78531
1249	3,09656,24384	34,75746
1250	3,09691,00130	34,72967

Num.	Logarithmi	Differ.
1251	3,09725,73097	34,70192
1252	3,09760,43289	34,67421
1253	3,09795,10710	34,64655
1254	3,09829,75365	34,61893
1255	3,09864,37258	34,59136
1256	3,09898,96394	34,59383
1257	3,09933,52777	34,53634
1258	3,09968,06411	34,50890
1259	3,10002,57301	34,48150
1260	3,10037,05451	34,45415
1261	3,10071,50866	34,42683
1262	3,10105,93549	34,39957
1263	3,10140,33506	34,37233
1264	3,10174,70739	34,34516
1265	3,10209,05255	34,31802
1266	3,10243,37057	34,29092
1267	3,10277,66149	34,26386
1268	3,10311,92535	34,23686
1269	3,10346,16221	34,20989
1270	3,10380,37210	34,18296
1271	3,10414,55506	34,15607
1272	3,10448,71113	34,12924
1273	3,10482,84037	34,10243
1274	3,10516,94280	34,07568
1275	3,10551,01848	34,04896
1276	3,10585,06744	34,02229
1277	3,10619,08973	33,99565
1278	3,10653,08538	33,96907
1279	3,10687,05445	33,94251
1280	3,10720,99696	33,91601
1281	3,10754,91297	33,88955
1282	3,10788,80252	33,86312
1283	3,10822,66564	33,83673
1284	3,10856,50237	33,81040
1285	3,10890,31277	33,78409
1286	3,10924,09686	33,75783
1287	3,10957,85469	33,73161
1288	3,10991,58630	33,70544
1289	3,11025,29174	33,67929
1290	3,11058,97103	33,65320
1291	3,11092,62423	33,62714
1292	3,11126,25137	33,60112
1293	3,11159,85249	33,57514
1294	3,11193,42763	33,54921
1295	3,11226,97684	33,52331
1296	3,11260,50015	33,49746
1297	3,11293,99761	33,47164
1298	3,11327,46025	33,44586
1299	3,11360,91511	33,42012
1300	3,11394,33523	33,39443

Num.	Logarithmi	Differ.
1301	3,11427,72966	33,36876
1302	3,11461,09842	33,34315
1303	3,11494,44157	33,31757
1304	3,11527,75914	33,29203
1305	3,11561,05117	33,26652
1306	3,11594,31769	33,24107
1307	3,11627,55876	33,21564
1308	3,11660,77440	33,19026
1309	3,11693,36466	33,16491
1310	3,11727,12957	33,13960
1311	3,11760,26917	33,11433
1312	3,11793,38350	33,08911
1313	3,11826,47261	33,06391
1314	3,11859,53652	33,03876
1315	3,11892,57528	33,01365
1316	3,11925,58893	32,98857
1317	3,11958,57750	32,96353
1318	3,11991,54103	32,93852
1319	3,12024,47955	32,91357
1320	3,12057,39312	32,88864
1321	3,12090,23176	32,86375
1322	3,12123,14551	32,83891
1323	3,12155,98442	32,81409
1324	3,12188,79851	32,78932
1325	3,12221,58783	32,76458
1326	3,12254,35241	32,73988
1327	3,12287,09229	32,71521
1328	3,12319,80750	32,69059
1329	3,12352,49809	32,66601
1330	3,12385,16410	32,64145
1331	3,12417,80555	32,61693
1332	3,12450,42248	32,59246
1333	3,12483,01494	32,56802
1334	3,12515,58296	32,54361
1335	3,12548,12657	32,51924
1336	3,12580,64581	32,49492
1337	3,12613,14073	32,47061
1338	3,12645,61134	32,44636
1339	3,12678,05770	32,42214
1340	3,12710,47984	32,39795
1341	3,12742,87779	32,37379
1342	3,12775,25158	32,34969
1343	3,12807,60127	32,52560
1344	3,12839,92687	32,30156
1345	3,12872,22843	32,27756
1346	3,12904,50599	32,25358
1347	3,12936,75957	32,22965
1348	3,12968,98922	32,20575
1349	3,13001,19497	32,18188
1350	3,13033,37685	32,15805

1351

Num.	Logarithmi	Differ.
1351	3,13065,53490	32,13426
1352	3,13097,66916	32,11050
1353	3,13129,77966	32,08677
1354	3,13161,76643	32,06309
1355	3,13193,92952	32,03943
1356	3,13225,96895	32,01582
1357	3,13257,98477	31,99222
1358	3,13289,97699	31,96868
1359	3,13321,74567	31,94516
1360	3,13353,89083	31,92169
1361	3,13385,81252	31,89824
1362	3,13417,71076	31,87482
1363	3,13449,58558	31,85145
1364	3,13481,43703	31,82811
1365	3,13513,26514	31,80479
1366	3,13545,06993	31,78153
1367	3,13576,85146	31,75828
1368	3,13608,60974	31,73507
1369	3,13640,34481	31,71191
1370	3,13672,05672	31,68876
1371	3,13703,74548	31,66566
1372	3,13735,41114	31,64258
1373	3,13767,05372	31,61955
1374	3,13798,67327	31,59655
1375	3,13830,26982	31,57357
1376	3,13861,84339	31,55064
1377	3,13893,34403	31,52773
1378	3,13924,92176	31,50486
1379	3,13956,42662	31,48202
1380	3,13987,90864	31,45922
1381	3,14019,36786	31,43644
1382	3,14050,80430	31,41371
1383	3,14082,21801	31,39100
1384	3,14113,60901	31,36833
1385	3,14144,97734	31,34569
1386	3,14176,32303	31,32308
1387	3,14207,64611	31,30050
1388	3,14238,94661	31,27796
1389	3,14270,22457	31,25546
1390	3,14301,48003	31,23297
1391	3,14332,71300	31,21053
1392	3,14363,92353	31,18811
1393	3,14395,11164	31,16574
1394	3,14426,27738	31,14338
1395	3,14457,42076	31,12107
1396	3,14488,54183	31,09878
1397	3,14519,64061	31,07653
1398	3,14550,71714	31,05431
1399	3,14581,77145	31,03212
1400	3,14612,80357	31,00996

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Num.	Logarithmi	Differ.
1401	3,14643,81353	30,98783
1402	3,14674,80136	30,96574
1403	3,14705,76710	30,94368
1404	3,14736,71078	30,92164
1405	3,14767,63242	30,89965
1406	3,14798,53207	30,87767
1407	3,14829,40974	30,85574
1408	3,14860,26548	30,83383
1409	3,14891,09931	30,81196
1410	3,14921,91127	30,79011
1411	3,14952,70138	30,76829
1412	3,14983,46967	30,74651
1413	3,15014,21618	30,72477
1414	3,15044,94095	30,70304
1415	3,15075,64399	30,68135
1416	3,15106,32534	30,65968
1417	3,15136,98502	30,63806
1418	3,15167,62308	30,61647
1419	3,15198,23955	30,59489
1420	3,15228,83444	30,57335
1421	3,15259,40779	30,55185
1422	3,15289,95964	30,53037
1423	3,15320,49001	30,50892
1424	3,15350,99893	30,48750
1425	3,15381,48643	30,46612
1426	3,15411,95255	30,44476
1427	3,15442,39731	30,42343
1428	3,15472,82074	30,40214
1429	3,15503,22288	30,38087
1430	3,15533,60375	30,35963
1431	3,15563,96338	30,33842
1432	3,15594,30180	30,31724
1433	3,15624,61904	30,29609
1434	3,15654,91513	30,27498
1435	3,15685,19011	30,25388
1436	3,15715,44399	30,23282
1437	3,15745,67681	30,21179
1438	3,15775,88860	30,19079
1439	3,15806,07939	30,16982
1440	3,15836,24921	30,14887
1441	3,15866,39808	30,12796
1442	3,15896,52604	30,10707
1443	3,15926,63311	30,08621
1444	3,15956,71932	30,06539
1445	3,15986,78471	30,04459
1446	3,16016,82930	30,02381
1447	3,16046,85311	30,00308
1448	3,16076,85619	29,98236
1449	3,16106,83855	29,96167
1450	3,16136,80022	29,94102

Chilias 2.

Num.	Logarithmi	Differ.
1451	3,16166,74124	29,92040
1452	3,16196,66164	29,89979
1453	3,16226,56143	29,87922
1454	3,16256,44065	29,85868
1455	3,16286,29933	29,83817
1456	3,16316,13750	29,81768
1457	3,16345,95518	29,79722
1458	3,16375,75240	29,77679
1459	3,16405,52919	29,75639
1460	3,16435,28558	29,73601
1461	3,16465,02159	29,71567
1462	3,16494,73726	29,69535
1463	3,16524,43261	29,67506
1464	3,16554,10767	29,65480
1465	3,16583,76247	29,63456
1466	3,16613,39703	29,61435
1467	3,16643,01138	29,59418
1468	3,16672,60556	29,57402
1469	3,16702,17958	29,55389
1470	3,16731,73347	29,53380
1471	3,16761,26727	29,51373
1472	3,16790,78100	29,49368
1473	3,16820,27468	29,47367
1474	3,16849,74835	29,45368
1475	3,16879,20203	29,43372
1476	3,16908,63575	29,41378
1477	3,16938,04953	29,39388
1478	3,16967,44341	29,37399
1479	3,16996,81740	29,35414
1480	3,17026,17154	29,33431
1481	3,17055,50585	29,31451
1482	3,17084,82036	29,29474
1483	3,17114,11510	29,27499
1484	3,17143,39009	29,25528
1485	3,17172,64537	29,23557
1486	3,17201,88094	29,21591
1487	3,17231,09685	29,19627
1488	3,17260,29312	29,17666
1489	3,17289,46978	29,15706
1490	3,17318,62684	29,13751
1491	3,17347,76435	29,11796
1492	3,17376,88231	29,09846
1493	3,17405,98077	29,07898
1494	3,17435,05975	29,05952
1495	3,17464,11927	29,04008
1496	3,17493,15935	29,02068
1497	3,17522,18003	29,00131
1498	3,17551,18134	28,98194
1499	3,17580,16328	28,96263
1500	3,17609,12591	28,94331

Num.	Logarithmi	Differ.
1501	3,17638,06922	28,92405
1502	3,17666,99327	28,90479
1503	3,17695,89806	28,88557
1504	3,17724,78363	28,86636
1505	3,17753,64999	28,84720
1506	3,17782,49719	28,82804
1507	3,17811,32523	28,80892
1508	3,17840,13415	28,78983
1509	3,17868,92398	28,77075
1510	3,17897,69473	28,75170
1511	3,17926,44643	28,73269
1512	3,17955,17912	28,71368
1513	3,17983,89280	28,69472
1514	3,18012,58752	28,67576
1515	3,18041,26328	28,65685
1516	3,18069,92013	28,63795
1517	3,18098,55808	28,61908
1518	3,18127,17716	28,60023
1519	3,18155,77739	28,58140
1520	3,18184,35879	28,56262
1521	3,18212,92141	28,54383
1522	3,18241,46524	28,52509
1523	3,18269,99033	28,50637
1524	3,18298,49670	28,48767
1525	3,18326,98437	28,46899
1526	3,18355,45336	28,45035
1527	3,18383,90371	28,43171
1528	3,18412,33542	28,41312
1529	3,18440,74854	28,39454
1530	3,18469,14308	28,37599
1531	3,18497,51907	28,35746
1532	3,18525,87653	28,33896
1533	3,18554,21549	28,32047
1534	3,18582,53596	28,30202
1535	3,18610,83798	28,28359
1536	3,18639,12157	28,26518
1537	3,18667,38675	28,24680
1538	3,18695,63355	28,22843
1539	3,18723,86198	28,21010
1540	3,18752,07208	28,19179
1541	3,18780,26387	28,17350
1542	3,18808,43737	28,15524
1543	3,18836,59261	28,13699
1544	3,18864,72960	28,11878
1545	3,18892,84838	28,10058
1546	3,18920,94896	28,08241
1547	3,18949,03137	28,06426
1548	3,18977,09563	28,04615
1549	3,19005,14178	28,02804
1550	3,19033,16982	28,00996

Chilias 2.

Num.	Logarithmi	Differ.
1551	3,19061,17978	27,99191
1552	3,19089,17169	27,97388
1553	3,19117,14557	27,95588
1554	3,19145,10145	27,93789
1555	3,19173,03934	27,91993
1556	3,19200,95927	27,90199
1557	3,19228,86126	27,88407
1558	3,19256,74533	27,86619
1559	3,19284,61152	27,84832
1560	3,19312,45984	27,83047
1561	3,19340,29031	27,81264
1562	3,19368,10295	27,79485
1563	3,19395,89780	27,77707
1564	3,19423,67487	27,75932
1565	3,19451,43419	27,74158
1566	3,19479,17577	27,72388
1567	3,19506,89965	27,70618
1568	3,19534,60583	20,68853
1569	3,19562,29436	27,67088
1570	3,19589,86524	27,65326
1571	3,19617,61850	27,63567
1572	3,19645,25417	27,61809
1573	3,19672,87226	27,60054
1574	3,19700,47280	27,58301
1575	3,19728,05581	27,56551
1576	3,19755,62132	27,54801
1577	3,19783,16933	27,53056
1578	3,19810,69989	27,51311
1579	3,19838,21300	27,49570
1580	3,19865,70870	27,47829
1581	3,19893,18699	27,46093
1582	3,19920,64792	27,44357
1583	3,19948,09149	27,42624
1584	3,19975,51773	27,40893
1585	3,20002,92666	27,39164
1586	3,20030,31830	27,37438
1587	3,20057,69268	27,35713
1588	3,20085,04981	27,33991
1589	3,20112,38972	27,32271
1590	3,20139,71243	27,30553
1591	3,20167,01796	27,28838
1592	3,20194,30634	27,27124
1593	3,20221,57758	27,25413
1594	3,20248,83171	27,23703
1595	3,20276,06874	27,21996
1596	3,20303,28870	27,20291
1597	3,20330,49161	27,18589
1598	3,20357,67750	27,16887
1599	3,20384,84637	27,15190
1600	3,20411,99827	27,13492

Chilias 2.

Num.	Logarithmi	Differ.
1601	3,20439,13319	27,11798
1602	3,20466,25117	27,10107
1603	3,20493,35224	27,08415
1604	3,20520,43639	27,06728
1605	3,20547,50367	27,05042
1606	3,20574,55409	27,03359
1607	3,20601,58768	27,01676
1608	3,20628,60444	26,99997
1609	3,20655,60441	26,98319
1610	3,20682,58760	26,96644
1611	3,20709,55404	26,64971
1612	3,20736,50375	26,93299
1613	3,20763,43674	26,91630
1614	3,20790,35304	26,89963
1615	3,20817,25267	26,88297
1616	3,20844,13564	26,86635
1617	3,20871,00199	26,84974
1618	3,20897,85173	26,83315
1619	3,20924,68488	26,81657
1620	3,20951,50145	26,80003
1621	3,20978,30148	26,78351
1622	3,21005,08499	26,76609
1623	3,21031,85198	26,75051
1624	3,21058,60249	26,73404
1625	3,21085,33653	26,71760
1626	3,21112,03413	26,70116
1627	3,21138,75529	26,68477
1628	3,21165,44006	26,66837
1629	3,21192,10843	26,65201
1630	3,21218,76044	26,63566
1631	3,21245,39610	26,61934
1632	3,21272,01544	26,60303
1633	3,21298,61847	26,58675
1634	3,21325,20522	26,57048
1635	3,21351,77570	26,55423
1636	3,21378,32993	26,53801
1637	3,21404,86794	26,52180
1638	3,21431,38974	26,50562
1639	3,21457,89536	26,48944
1640	3,21484,38480	26,47331
1641	3,21510,85811	26,45717
1642	3,21537,31528	26,44106
1643	3,21563,75634	26,42498
1644	3,21590,18132	26,40891
1645	3,21616,59023	26,39286
1646	3,21642,98309	26,37683
1647	3,21669,35992	26,36082
1648	3,21695,72074	26,34482
1649	3,21722,06556	26,32886
1650	3,21748,39442	26,31291

Chilias 2.

Num.	Logarithmi	Differ.
1651	3,21774,70733	26,29697
1652	3,21801,00430	26,28106
1653	3,21827,28536	26,26516
1654	3,21853,55052	26,24929
1655	3,21879,79981	26,23343
1656	3,21906,03324	26,21760
1657	3,21932,25084	26,20178
1658	3,21958,45262	26,18598
1659	3,21984,63860	26,17020
1660	3,22010,80880	26,15445
1661	3,22036,96325	26,13869
1662	3,22063,10194	26,12298
1663	3,22089,22492	26,10728
1664	3,22115,33220	26,09158
1665	3,22141,42378	26,07593
1666	3,22167,49971	26,06027
1667	3,22193,55998	26,04465
1668	3,22219,60463	26,02904
1669	3,22245,63367	26,01344
1670	3,22271,64711	25,99788
1671	3,22297,64499	25,98232
1672	3,22323,62731	25,96679
1673	3,22349,59410	25,95127
1674	3,22375,54537	25,93577
1675	3,22401,48114	25,92029
1676	3,22427,40143	25,90483
1677	3,22453,30626	25,88939
1678	3,22479,19565	25,87396
1679	3,22505,06961	25,85856
1680	3,22530,92817	25,84317
1681	3,22556,77134	25,82781
1682	3,22582,59915	25,81245
1683	3,22608,41160	25,79712
1684	3,22634,20872	25,78180
1685	3,22659,99052	25,76651
1686	3,22685,75703	25,75123
1687	3,22711,50826	25,73597
1688	3,22737,24423	25,72073
1689	3,22762,96496	25,70550
1690	3,22788,67046	25,69030
1691	3,22814,36076	25,67511
1692	3,22840,03587	25,65994
1693	3,22865,69581	25,64479
1694	3,22891,34060	25,62965
1695	3,22916,97025	25,61454
1696	3,22942,58479	25,59944
1697	3,22968,18423	25,58436
1698	3,22993,76859	25,56930
1699	3,23019,33789	25,55425
1700	3,23044,89214	25,53922

Chilias 2.

Num.	Logarithmi	Differ.
1701	3,23070,43136	25,52421
1702	3,23095,95557	25,50923
1703	3,23121,46480	25,49424
1704	3,23146,95904	25,47929
1705	3,23172,43833	25,46435
1706	3,23197,90268	25,44943
1707	3,23223,35211	25,43453
1708	3,23248,78664	25,41963
1709	3,23274,20627	25,40477
1710	3,23299,61104	25,38991
1711	3,23325,00095	25,37508
1712	3,23350,37603	25,36027
1713	3,23375,73630	25,34546
1714	3,23401,08176	25,33068
1715	3,23426,41244	25,31591
1716	3,23451,72835	25,30117
1717	3,23477,02952	25,28643
1718	3,23502,31595	25,27172
1719	3,23527,58767	25,25702
1720	3,23552,84469	25,24234
1721	3,23578,08703	25,22768
1722	3,23603,31471	25,21303
1723	3,23628,52774	25,19841
1724	3,23653,72615	25,18379
1725	3,23678,90994	25,16920
1726	3,23704,07914	25,15462
1727	3,23729,23376	25,14005
1728	3,23754,37381	25,12552
1729	3,23779,49933	25,11098
1730	3,23804,61031	25,09648
1731	3,23829,70679	25,08198
1732	3,23854,78877	25,06750
1733	3,23879,85627	25,05304
1734	3,23904,90931	25,03860
1735	3,23929,94791	25,02417
1736	3,23954,97208	25,00976
1737	3,23979,98184	24,99537
1738	3,24004,97721	24,98099
1739	3,24029,95820	24,96663
1740	3,24054,92483	24,95228
1741	3,24079,87711	24,93796
1742	3,24104,81507	24,92364
1743	3,24129,73871	24,90935
1744	3,24154,64806	24,89507
1745	3,24179,54313	24,88081
1746	3,24204,42394	24,86656
1747	3,24229,29050	24,85233
1748	3,24254,14283	24,83812
1749	3,24278,98095	24,82392
1750	3,24303,80487	24,80974

Chilias 2.

Num.	Logarithmi	Differ.
1751	3,24328,61461	24,79557
1752	3,24353,41018	24,78143
1753	3,24378,19161	24,76729
1754	3,24402,95890	24,75318
1755	3,24427,71208	24,73908
1756	3,24452,45116	24,72499
1757	3,24477,17615	24,71092
1758	3,24501,88707	24,69688
1759	3,24526,58395	24,68283
1760	3,24551,26678	24,66882
1761	3,24575,93560	24,65481
1762	3,24600,59041	24,64082
1763	3,24625,23123	24,62685
1764	3,24649,85808	24,61289
1765	3,24674,47097	24,59895
1766	3,24699,06992	24,58503
1767	3,24723,65495	24,57112
1768	3,24748,22607	24,55722
1769	3,24772,78329	24,54335
1770	3,24797,32664	24,52948
1771	3,24821,85612	24,51564
1772	3,24846,37176	24,50180
1773	3,24870,87356	24,48799
1774	3,24895,36155	24,47419
1775	3,24919,83574	24,46040
1776	3,24944,29614	24,44664
1777	3,24968,74278	24,43288
1778	3,24993,17566	24,41915
1779	3,25017,59481	24,40542
1780	3,25042,00023	24,39172
1781	3,25066,39195	24,37802
1782	3,25090,76997	24,36435
1783	3,25115,13432	24,35068
1784	3,25139,48500	24,33704
1785	3,25163,82204	24,32342
1786	3,25188,14546	24,30979
1787	3,25212,45525	24,29620
1788	3,25236,75145	24,28261
1789	3,25261,03406	24,26904
1790	3,25285,30310	24,25548
1791	3,25309,55858	24,24195
1792	3,25333,80053	24,22843
1793	3,25358,02896	24,21491
1794	3,25382,24387	24,20142
1795	3,25406,44529	24,18794
1796	3,25430,63323	24,17448
1797	3,25454,80771	24,16103
1798	3,25478,96874	24,14759
1799	3,25503,11633	24,13418
1800	3,25527,25051	24,12077

Num.	Logarithmi	Differ.
1801	3,25551,37128	24,10738
1802	3,25575,47866	24,09401
1803	3,25599,57267	24,08065
1804	3,25623,65332	24,06730
1805	3,25647,72062	24,05398
1806	3,25671,77460	24,04066
1807	3,25695,81526	24,02735
1808	3,25719,84261	24,01408
1809	3,25743,85669	24,00080
1810	3,25767,85749	23,98754
1811	3,25791,84503	23,97430
1812	3,25815,81933	23,96108
1813	3,25839,78041	23,94786
1814	3,25863,72827	23,93467
1815	3,25887,66294	23,92148
1816	3,25911,58442	23,90831
1817	3,25935,49273	23,89516
1818	3,25959,38789	23,88202
1819	3,25983,26991	23,86889
1820	3,26007,13880	23,85578
1821	3,26030,99458	23,84268
1822	3,26054,83726	23,82961
1823	3,26078,66687	23,81653
1824	3,26102,48340	23,80348
1825	3,26126,28688	23,79044
1826	3,26150,07732	23,77742
1827	3,26173,85474	23,76440
1828	3,26197,61914	23,75141
1829	3,26221,37055	23,73842
1830	3,26245,10897	23,72546
1831	3,26268,83443	23,71250
1832	3,26292,54693	23,69957
1833	3,26316,24650	23,68663
1834	3,26339,93313	23,67373
1835	3,26363,60686	23,66083
1836	3,26387,26769	23,64794
1837	3,26410,91563	23,63508
1838	3,26434,55071	23,62221
1839	3,26458,17292	23,60938
1840	3,26481,78230	23,59655
1841	3,26505,37885	23,58374
1842	3,26528,96259	23,57093
1843	3,26552,53352	23,55815
1844	3,26576,09167	23,54538
1845	3,26599,63705	23,53262
1846	3,26623,16967	23,51987
1847	3,26646,68954	23,50715
1848	3,26670,19669	23,49443
1849	3,26693,69112	23,48172
1850	3,26717,17284	23,46904

Chilias 2.

Num.	Logarithmi	Differ.
1851	3,26740,64188	23,45635
1852	3,26764,09823	23,44370
1853	3,26787,54193	23,43105
1854	3,26810,97298	23,41842
1855	3,26834,39140	23,40579
1856	3,26857,79719	23,39318
1857	3,26881,19037	23,38060
1858	3,26904,57097	23,36801
1859	3,26927,93898	23,35544
1860	3,26951,29442	23,34289
1861	3,26974,63731	23,33035
1862	3,26997,96766	23,31783
1863	3,27021,28549	23,30531
1864	3,27044,59080	23,29281
1865	3,27067,88361	23,28033
1866	3,27091,16394	23,26785
1867	3,27114,43179	23,25540
1868	3,27137,68719	23,24295
1869	3,27160,93014	23,23051
1870	3,27184,16065	23,21810
1871	3,27207,37875	23,20569
1872	3,27230,58444	23,19330
1873	3,27253,77774	23,18092
1874	3,27276,95866	23,16855
1875	3,27300,12721	23,15619
1876	3,27323,28340	23,14386
1877	3,27346,42726	23,13153
1878	3,27369,55879	23,11922
1879	3,27392,67801	23,10692
1880	3,27415,78493	23,09463
1881	3,27438,87956	23,08235
1882	3,27461,96191	23,07009
1883	3,27485,03200	23,05785
1884	3,27508,08985	23,04560
1885	3,27531,13545	23,03339
1886	3,27554,16884	23,02118
1887	3,27577,19002	23,00898
1888	3,27600,19900	22,99679
1889	3,27623,19579	22,98463
1890	3,27646,18042	22,97246
1891	3,27669,15288	22,96033
1892	3,27692,11321	22,94819
1893	3,27715,06140	22,93607
1894	3,27737,99747	22,92396
1895	3,27760,92143	22,91187
1896	3,27783,83330	22,89979
1897	3,27806,73309	22,88772
1898	3,27829,62081	22,87566
1899	3,27852,49647	22,86363
1900	3,27875,36010	22,85159

Chilias 2.

Num.	Logarithmi	Differ.
1901	3,27898,21169	22,83957
1902	3,27921,05126	22,82757
1903	3,27943,87883	22,81557
1904	3,27966,69440	22,80360
1905	3,27989,49800	22,79163
1906	3,28012,28963	22,77967
1907	3,28035,06930	22,76774
1908	3,28057,83704	22,75580
1909	3,28080,59284	22,74388
1910	3,28103,33672	22,73199
1911	3,28126,06871	22,72008
1912	3,28148,78879	22,70821
1913	3,28171,49700	22,69634
1914	3,28194,19334	22,68449
1915	3,28216,87783	22,67264
1916	3,28239,55047	22,66082
1917	3,28262,21129	22,64899
1918	3,28284,86028	22,63719
1919	3,28307,49747	22,62540
1920	3,28330,12287	22,61362
1921	3,28352,73649	22,60184
1922	3,28375,33833	22,59009
1923	3,28397,92842	22,57835
1924	3,28420,50677	22,56661
1925	3,28443,07338	22,55490
1926	3,28465,62828	22,54319
1927	3,28488,17147	22,53149
1928	3,28510,70296	22,51980
1929	3,28533,22276	22,50814
1930	3,28555,73090	22,49648
1931	3,28578,22738	22,48483
1932	3,28600,71221	22,47319
1933	3,28623,18540	22,46157
1934	3,28645,64697	22,44997
1935	3,28668,09694	22,43836
1936	3,28690,53530	22,42677
1937	3,28712,96207	22,41520
1938	3,28735,37727	22,40364
1939	3,28757,78091	22,39208
1940	3,28780,17299	22,38055
1941	3,28802,55354	22,36902
1942	3,28824,92256	22,35750
1943	3,28847,28006	22,34600
1944	3,28869,62606	22,33451
1945	3,28891,96057	22,32302
1946	3,28914,28359	22,31156
1947	3,28936,59515	22,30010
1948	3,28958,89525	22,28866
1949	3,28981,18391	22,27723
1950	3,29003,46114	22,26580

Chilias 2.

Num.	Logarithmi	Differ.
1951	3,29025,72694	22,25439
1952	3,29047,98133	22,24300
1953	3,29070,22433	22,23161
1954	3,29092,45594	22,22023
1955	3,29114,67617	22,20888
1956	3,29136,88505	22,19752
1957	3,29159,08257	22,18618
1958	3,29181,26875	22,17485
1959	3,29203,44360	22,16354
1960	3,29225,60714	22,15223
1961	3,29247,75937	22,14093
1962	3,29269,90030	22,12966
1963	3,29292,02996	22,11839
1964	3,29314,14835	22,10712
1965	3,29336,25547	22,09588
1966	3,29358,35135	22,08464
1967	3,29380,43599	22,07342
1968	3,29402,50941	22,06220
1969	3,29424,57161	22,05101
1970	3,29446,62262	22,03981
1971	3,29468,66243	22,02863
1972	3,29490,69106	22,01747
1973	3,29512,70853	22,00630
1974	3,29534,71483	21,99517
1975	3,29556,71000	21,98403
1976	3,29578,69403	21,97290
1977	3,29600,66693	21,96180
1978	3,29622,62873	21,95069
1979	3,29644,57942	21,93961
1980	3,29666,51903	21,92852
1981	3,29688,44755	21,91746
1982	3,29710,36501	21,90641
1983	3,29732,27142	21,89536
1984	3,29754,16678	21,88433
1985	3,29776,05111	21,87331
1986	3,29797,92442	21,86229
1987	3,29819,78671	21,85130
1988	3,29841,63801	21,84030
1989	3,29863,47831	21,82933
1990	3,29885,30764	21,81836
1991	3,29907,12600	21,80741
1992	3,29928,93341	21,79646
1993	3,29950,72987	21,78553
1994	3,29972,51540	21,77460
1995	3,29994,29000	21,76370
1996	3,30016,05370	21,75279
1997	3,30037,80649	21,74190
1998	3,30059,54839	21,73102
1999	3,30081,27941	21,72016
2000	3,30102,99957	21,70929

Chilias 3.

Num.	Logarithmi	Differ.
2001	3,30124,70886	21,69845
2002	3,30146,40731	21,68762
2003	3,30168,09493	21,67679
2004	3,30189,77172	21,66598
2005	3,30211,43770	21,65517
2006	3,30233,09287	21,64438
2007	3,30254,73725	21,63360
2008	3,30276,37085	21,62282
2009	3,30297,99367	21,61207
2010	3,30319,60574	21,60132
2011	3,30341,20706	21,59058
2012	3,30362,79764	21,57985
2013	3,30384,37749	21,56913
2014	3,30405,94662	21,55843
2015	3,30427,50505	21,54773
2016	3,30449,05278	21,53704
2017	3,30470,58982	21,52637
2018	3,30492,11619	21,51570
2019	3,30513,63189	21,50505
2020	3,30535,13694	21,49441
2021	3,30556,63135	21,48378
2022	3,30578,11513	21,47315
2023	3,30599,58828	21,46254
2024	3,30621,05082	21,45194
2025	3,30642,50276	21,44134
2026	3,30663,94410	21,43077
2027	3,30685,37487	21,42020
2028	3,30706,79507	21,40963
2029	3,30728,20470	21,39909
2030	3,30749,60379	21,38855
2031	3,30770,99234	21,37802
2032	3,30792,37036	21,36750
2033	3,30813,73786	21,35700
2034	3,30835,09486	21,34650
2035	3,30856,44136	21,33601
2036	3,30877,77737	21,32553
2037	3,30899,10290	21,31507
2038	3,30920,41797	21,30461
2039	3,30941,72258	21,29416
2040	3,30963,01674	21,28373
2041	3,30984,30047	21,27331
2042	3,31005,57378	21,26288
2043	3,31026,83666	21,25249
2044	3,31048,08915	21,24208
2045	3,31069,33123	21,23171
2046	3,31090,56294	21,22133
2047	3,31111,78427	21,21096
2048	3,31132,99523	21,20061
2049	3,31154,19584	21,19027
2050	3,31175,38611	21,17993

Chilias 3.

Num.	Logarithmi	Differ.
2051	3,31196,56604	21,16960
2052	3,31217,73564	21,15930
2053	3,31238,89494	21,14899
2054	3,31260,04393	21,13869
2055	3,31281,18262	21,12841
2056	3,31302,31103	21,11814
2057	3,31323,42917	21,10787
2058	3,31344,53704	21,09762
2059	3,31365,63466	21,08738
2060	3,31386,72204	21,07714
2061	3,31407,79918	21,06691
2062	3,31428,86609	21,05671
2063	3,31449,92280	21,04650
2064	3,31470,96930	21,03630
2065	3,31492,00560	21,02612
2066	3,31513,03172	21,01594
2067	3,31534,04766	21,00578
2068	3,31555,05344	20,99563
2069	3,31576,04907	20,98548
2070	3,31597,03455	20,97534
2071	3,31618,00989	20,96522
2072	3,31638,97511	20,95510
2073	3,31659,93021	20,94500
2074	3,31680,87521	20,93489
2075	3,31701,81010	20,92482
2076	3,31722,73492	20,91473
2077	3,31743,64965	20,90467
2078	3,31764,55432	20,89461
2079	3,31785,44893	20,88457
2080	3,31806,33350	20,87452
2081	3,31827,20802	20,86450
2082	3,31848,07252	20,85447
2083	3,31868,92699	20,84447
2084	3,31889,77146	20,83447
2085	3,31910,60593	20,82448
2086	3,31931,43041	20,81450
2087	3,31952,24491	20,80452
2088	3,31973,04943	20,79457
2089	3,31993,84400	20,78461
2090	3,32014,62861	20,77467
2091	3,32035,40328	20,76474
2092	3,32056,16802	20,75481
2093	3,32076,92283	20,74490
2094	3,32097,66773	20,73500
2095	3,32118,40273	20,72510
2096	3,32139,12783	20,71522
2097	3,32159,84305	20,70534
2098	3,32180,54839	20,69547
2099	3,32201,24386	20,68561
2100	3,32221,92947	20,67577

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
2101	3,32242,60524	20,66593	2151	3,33264,04104	20,18566	2201	3,34262,00426	19,72720
2102	3,32263,27117	20,65610	2152	3,33284,22670	20,17628	2202	3,34281,73146	19,71826
2103	3,32283,92727	20,64628	2153	3,33304,40298	20,16692	2203	3,34301,44972	19,70930
2104	3,32304,57355	20,63647	2154	3,33324,56970	20,15755	2204	3,34321,15902	19,70036
2105	3,32325,21002	20,62666	2155	3,33344,72745	20,14820	2205	3,34340,85938	19,69143
2106	3,32345,83668	20,61688	2156	3,33364,87565	20,13886	2206	3,34360,55081	19,68251
2107	3,32366,45356	20,60709	2157	3,33385,01451	20,12952	2207	3,34380,23332	19,67359
2108	3,32387,06065	20,59732	2158	3,33405,14403	20,12020	2208	3,34399,90691	19,66468
2109	3,32407,65797	20,58756	2159	3,33425,26423	20,11089	2209	3,34419,57159	19,65578
2110	3,32428,24553	20,57780	2160	3,33445,37512	20,10157	2210	3,34439,22737	19,64689
2111	3,32448,82333	20,56806	2161	3,33465,47669	20,09227	2211	3,34458,87426	19,63800
2112	3,32469,39139	20,55832	2162	3,33485,56896	20,08298	2212	3,34478,51226	19,62913
2113	3,32489,94971	20,54859	2163	3,33505,65194	20,07370	2213	3,34498,14139	19,62026
2114	3,32510,49830	20,53887	2164	3,33525,72564	20,06443	2214	3,34517,76165	19,61141
2115	3,32531,03717	20,52917	2165	3,33545,79007	20,05516	2215	3,34537,37306	19,60255
2116	3,32551,56634	20,51946	2166	3,33565,84523	20,04590	2216	3,34556,97561	19,59370
2117	3,32572,08580	20,50978	2167	3,33585,79113	20,03666	2217	3,34576,56931	19,58487
2118	3,32592,59558	20,50009	2168	3,33605,92779	20,02741	2218	3,34596,15418	19,57604
2119	3,32613,09567	20,49042	2169	3,33625,95520	20,01818	2219	3,34615,73022	19,56723
2120	3,32633,58609	20,48076	2170	3,33645,97338	20,00897	2220	3,34635,29745	19,55840
2121	3,32654,06685	20,47111	2171	3,33665,98235	19,99974	2221	3,34654,85585	19,54961
2122	3,32674,53796	20,46146	2172	3,33685,98209	19,99054	2222	3,34674,40546	19,54081
2123	3,32694,99942	20,45182	2173	3,33705,97263	19,98135	2223	3,34693,94627	19,53202
2124	3,32715,45124	20,44220	2174	3,33725,95398	19,97215	2224	3,34713,47829	19,52324
2125	3,32735,89344	20,43258	2175	3,33745,92613	19,96297	2225	3,34733,00153	19,51447
2126	3,32756,32602	20,42297	2176	3,33765,88910	19,95380	2226	3,34752,51600	19,50570
2127	3,32776,74899	20,41337	2177	3,33785,84290	19,94464	2227	3,34772,02170	19,49695
2128	3,32797,16236	20,40378	2178	3,33805,78754	19,93548	2228	3,34791,51865	19,48820
2129	3,32817,56614	20,39420	2179	3,33825,72302	19,92634	2229	3,34811,00685	19,47945
2130	3,32837,96034	20,38463	2180	3,33845,64936	19,91720	2230	3,34830,48630	19,47073
2131	3,32858,34497	20,37507	2181	3,33865,56656	19,90807	2231	3,34849,95703	19,46200
2132	3,32878,72004	20,36550	2182	3,33885,47463	19,89894	2232	3,34869,41903	19,45328
2133	3,32899,08554	20,35597	2183	3,33905,37357	19,88983	2233	3,34888,87231	19,44457
2134	3,32919,44151	20,34643	2184	3,33925,26340	19,88073	2234	3,34908,31688	19,43587
2135	3,32939,78794	20,33690	2185	3,33945,14413	19,87163	2235	3,34927,75275	19,42717
2136	3,32960,12484	20,32738	2186	3,33965,01576	19,86254	2236	3,34947,17992	19,41849
2137	3,32980,45222	20,31787	2187	3,33984,87830	19,85347	2237	3,34966,59841	19,40981
2138	3,33000,77009	20,30837	2188	3,34004,73177	19,84439	2238	3,34986,00822	19,40114
2139	3,33021,07846	20,29887	2189	3,34024,57616	19,83532	2239	3,35005,40936	19,39247
2140	3,33041,37733	20,28940	2190	3,34044,41148	19,82628	2240	3,35024,80183	19,38382
2141	3,33061,66673	20,27992	2191	3,34064,23776	19,81722	2241	3,35044,18565	19,37518
2142	3,33081,94665	20,27045	2192	3,34084,05498	19,80819	2242	3,35063,56083	19,36653
2143	3,33102,21710	20,26100	2193	3,34103,86317	19,79915	2243	3,35082,92736	19,35790
2144	3,33122,47810	20,25155	2194	3,34123,66232	19,79014	2244	3,35102,28526	19,34927
2145	3,33142,72965	20,24211	2195	3,34143,45246	19,78112	2245	3,35121,63453	19,34066
2146	3,33162,97176	20,23268	2196	3,34163,23358	19,77211	2246	3,35140,97519	19,33205
2147	3,33183,20444	20,22326	2197	3,34183,00569	19,76312	2247	3,35160,30724	19,32345
2148	3,33203,42770	20,21385	2198	3,34202,76881	19,75413	2248	3,35179,63069	19,31485
2149	3,33223,64155	20,20444	2199	3,34222,52294	19,74514	2249	3,35198,94554	19,30627
2150	3,33243,84599	20,19505	2200	3,34242,26808	19,73618	2250	3,35218,25181	19,29769

Num.	Logarithmi	Differ.
2251	3,35237,54950	19,28912
2252	3,35256,83862	19,28055
2253	3,35276,11917	19,27200
2254	3,35295,39117	19,26345
2255	3,35314,65462	19,25491
2256	3,35333,90953	19,24638
2257	3,35353,15591	19,23785
2258	3,35372,39376	19,22933
2259	3,35391,62309	19,22082
2360	3,35410,84391	19,21232
2261	3,35430,05623	19,20383
2262	3,35449,26006	19,19534
2263	3,35468,45540	19,18685
2264	3,35487,64225	19,17838
2265	3,35506,82063	19,16992
2266	3,35525,99055	19,16146
2267	3,35545,15201	19,15301
2268	3,35564,30502	19,14457
2269	3,35583,44959	19,13613
2270	3,35602,58572	19,12770
2271	3,35621,71342	19,11928
2272	3,35640,83270	19,14087
2273	3,35659,94357	19,10247
2274	3,35679,04604	19,09406
2275	3,35698,14010	19,08567
2276	3,35717,22577	19,07729
2277	3,35736,30306	19,06891
2378	3,35755,37197	19,06055
2279	3,35774,43252	19,05218
2280	3,35793,48470	19,04383
2281	3,35812,52853	19,03548
2282	3,35831,56401	19,02714
2283	3,35850,59115	19,01881
2284	3,35869,60996	19,01048
2285	3,35888,62044	19,00217
2286	3,35907,62261	18,99385
2287	3,35926,61646	18,98555
2288	3,35945,60201	18,97726
2289	3,35964,57927	18,96896
2290	3,35983,54823	18,96069
2291	3,36002,50892	18,95241
2292	3,36021,46133	18,94414
2293	3,36040,40547	18,93589
2294	3,36059,34136	18,92763
2295	3,36078,26899	18,91938
2296	3,36097,18837	18,91115
2297	3,36116,09952	18,90292
2298	3,36135,00244	18,89469
2299	3,36153,89713	18,88647
2300	3,36172,78360	18,87827

Num.	Logarithmi	Differ.
2301	3,36191,66187	18,87006
2302	3,36210,53193	18,86187
2303	3,36229,39380	18,85368
2304	3,36248,24748	18,84549
2305	3,36267,09297	18,83733
2306	3,36285,93030	18,82915
2307	3,36304,75945	18,82100
2308	3,36323,58045	18,81284
2309	3,36342,39329	18,80470
2310	3,36361,19799	18,79656
2311	3,36379,99455	18,78842
2312	3,36398,78297	18,78031
2313	3,36417,56328	18,77218
2314	3,36436,33546	18,76408
2315	3,36455,09954	18,75597
2316	3,36473,85551	18,74787
2317	3,36492,60338	18,73978
2318	3,36511,34316	18,73170
2319	3,36530,07486	18,72363
2320	3,36548,79849	18,71556
2321	3,36567,51405	18,70749
2322	3,36586,22154	18,69944
2323	3,36604,92098	18,69139
2324	3,36623,61237	16,68335
2325	3,36642,29572	16,67532
2326	3,36660,97104	18,66729
2327	3,36679,63833	18,65927
2328	3,36698,29760	18,65125
2329	3,36716,94885	18,64325
2330	3,36735,59210	18,63525
2331	3,36754,22735	18,62726
2332	3,36772,85461	18,61927
2333	3,36791,47388	18,61129
2334	3,36810,08517	18,60332
2335	3,36828,68849	18,59535
2336	3,36847,28384	18,58740
2337	3,36865,87124	18,57944
2338	3,36884,45068	18,57150
2339	3,36903,02218	18,56356
2340	3,36921,58574	18,55563
2341	3,36940,14137	18,54770
2342	3,36958,68907	18,53979
2343	3,36977,22886	18,53187
2344	3,36995,76073	18,52398
2345	3,37014,28471	18,51607
2346	3,37032,80078	18,50818
2347	3,37051,30896	18,50030
2348	3,37069,80926	18,49242
2349	3,37088,30168	18,48455
2350	3,37106,78623	18,47668

Num.	Logarithmi	Differ.
2351	3,37125,26291	18,46883
2352	3,37143,73174	18,46098
2353	3,37162,19272	18,45313
2354	3,37180,64585	18,44530
2355	3,37199,09115	18,43746
2356	3,37217,52861	18,42964
2357	3,37235,95825	18,42183
2358	3,37254,38008	18,41401
2359	3,37272,79409	18,40621
2360	3,37291,20030	18,39841
2361	3,37309,59871	18,39062
2362	3,37327,98933	18,38283
2363	3,37346,37216	18,37506
2364	3,37364,74722	18,36729
2365	3,37383,11451	18,35952
2366	3,37401,47403	18,35176
2367	3,37419,82579	18,34402
2368	3,37438,16981	18,33626
2369	3,37456,50607	18,32853
2370	3,37474,83460	18,32080
2371	3,37493,15540	18,31307
2372	3,37511,46847	18,30535
2373	3,37529,77382	18,29764
2374	3,37548,07146	18,28994
2375	3,37566,36140	18,28223
2376	3,37584,64363	18,27454
2377	3,37602,91817	18,26686
2378	3,37621,18503	18,25917
2379	3,37639,44420	18,25151
2380	3,37657,69571	18,24383
2381	3,37675,93954	18,23617
2382	3,37694,17571	18,22852
2383	3,37712,40423	18,22088
2384	3,37730,62511	18,21323
2385	3,37748,83834	18,20559
2386	3,37767,04393	18,19797
2387	3,37785,24190	18,19035
2388	3,37803,43225	18,18272
2389	3,37821,61497	18,17512
2390	3,37839,79009	18,16752
2391	3,37857,95761	18,15992
2392	3,37876,11753	18,15233
2393	3,37894,26986	18,14475
2394	3,37912,41461	18,13717
2395	3,37930,55178	18,12959
2396	3,37948,68137	18,12203
2397	3,37966,80340	18,11448
2398	3,37984,91788	18,10692
2399	3,38003,02480	18,09937
2400	3,38021,12417	18,09184

Num.	Logarithmi	Differ.
2401	3,38039,21601	18,08430
2402	3,38057,30031	18,07677
2403	3,38075,37708	18,06925
2404	3,38093,44633	18,06174
2405	3,38111,50807	18,05423
2406	3,38129,56230	18,04673
2407	3,38147,60903	18,03923
2408	3,38165,64826	18,03174
2409	3,38183,68000	18,02426
2410	3,38201,70426	18,01678
2411	3,38219,72104	18,00931
2412	3,38237,73035	18,00184
2413	3,38255,73219	17,99459
2414	3,38273,72658	17,98693
2415	3,38291,71351	17,97948
2416	3,38309,69299	17,97205
2417	3,38327,66504	17,96461
2418	3,38345,62965	17,95719
2419	3,38363,58684	17,94976
2420	3,38381,53660	17,94234
2421	3,38399,47894	17,93494
2422	3,38417,41388	17,92753
2423	3,38435,34141	17,92014
2424	3,38453,26155	17,91274
2425	3,38471,17429	17,90536
2426	3,38489,07965	17,89798
2427	3,38506,97763	17,89061
2428	3,38524,86824	17,88324
2429	3,38542,75148	17,87588
2430	3,38560,62736	17,86852
2431	3,38578,49588	17,86118
2432	3,38596,35706	17,85383
2433	3,38614,21089	17,84650
2434	3,38632,05739	17,83917
2435	3,38649,89656	17,83184
2436	3,38667,72840	17,82452
2437	3,38685,55292	17,81721
2438	3,38703,37013	17,80990
2439	3,38721,18003	17,80260
2440	3,38738,98263	17,79531
2441	3,38756,77794	17,78802
2442	3,38774,56596	17,78074
2443	3,38792,34670	17,77346
2444	3,38810,12016	17,76619
2445	3,38827,88635	17,75892
2446	3,38845,64527	17,75167
2447	3,38863,39694	17,74441
2448	3,38881,14135	17,73716
2449	3,38898,87851	17,72993
2450	3,38916,60844	17,72269

Num	Logarithmi	Differ.
2451	3,38934,33113	17,71545
2452	3,38952,04658	17,70824
2453	3,38969,75482	17,70102
2454	3,38987,45584	17,69381
2455	3,39005,14965	17,68660
2456	3,39022,83625	17,67940
2457	3,39040,51565	17,67221
2458	3,39058,18786	17,66501
2459	3,39075,85287	17,65784
2460	3,39093,51071	17,65066
2461	3,39111,16137	17,64349
2462	3,39128,80486	17,63632
2463	3,39146,44118	17,62917
2464	3,39164,07035	17,62201
2465	3,39181,69236	17,61487
2466	3,39199,30723	17,60772
2467	3,39216,91495	17,60059
2468	3,39234,51554	17,59345
2469	3,39252,10899	17,58634
2470	3,39269,69533	17,57921
2471	3,39287,27454	17,57210
2472	3,39304,84664	17,56500
2473	3,39322,41164	17,55789
2474	3,39339,96953	17,55080
2475	3,39357,52033	17,54370
2476	3,39375,06403	17,53663
2477	3,39392,60066	17,52954
2478	3,39410,13020	17,52248
2479	3,39427,65268	17,51540
2480	3,39445,16808	17,50835
2481	3,39462,67643	17,50129
2482	3,39480,17772	17,49424
2483	3,39497,67196	17,48719
2484	3,39515,15915	17,48016
2485	3,39532,63931	17,47312
2486	3,39550,11243	17,46610
2487	3,39567,57853	17,45907
2488	3,39585,03760	17,45206
2489	3,39602,48966	17,44505
2490	3,39619,93471	17,43804
2491	3,39637,37275	17,43105
2492	3,39654,80380	17,42405
2493	3,39672,22785	17,41706
2494	3,39689,64491	17,41009
2495	3,39707,05500	17,40310
2496	3,39724,45810	17,39614
2497	3,39741,85424	17,38916
2498	3,39759,24340	17,38221
2499	3,39776,62561	17,37526
2500	3,39794,00087	17,36830

Num.	Logarithmi	Differ.
2501	3,39811,36917	17,36137
2502	3,39828,73054	17,35442
2503	3,39846,08496	17,34749
2504	3,39863,43245	17,34057
2505	3,39880,77302	17,33365
2506	3,39898,10667	17,32673
2507	3,39915,43340	17,31982
2508	3,39932,75322	17,31291
2509	3,39950,06613	17,30602
2510	3,39967,37215	17,29912
2511	3,39984,67127	17,29224
2512	3,40001,96351	17,28535
2513	3,40019,24886	17,27847
2514	3,40036,52733	17,27161
2515	3,40053,79894	17,26474
2516	3,40071,06368	17,25787
2517	3,40088,32155	17,25103
2518	3,40105,57258	17,24417
2519	3,40122,81675	17,23733
2520	3,40140,05408	17,23049
2521	3,40157,28457	17,22365
2522	3,40174,50822	17,21683
2523	3,40191,72505	17,21001
2524	3,40208,93506	17,20318
2525	3,40226,13825	17,19637
2526	3,40243,33462	17,18957
2527	3,40260,52419	17,18277
2528	3,40277,70696	17,17597
2529	3,40294,88293	17,16919
2530	3,40312,05212	17,16240
2531	3,40329,21452	17,15561
2532	3,40346,37013	17,14885
2533	3,40363,51898	17,24207
2534	3,40380,76105	17,03532
2535	3,40397,79637	17,12855
2536	3,40414,92492	17,12180
2537	3,40432,04672	17,11506
2538	3,40449,16178	17,10831
2539	3,40466,27009	17,10157
2540	3,40483,37166	17,09485
2541	3,40500,46651	17,08811
2542	3,40517,55462	17,08140
2543	3,40534,63602	17,07468
2544	3,40551,61070	17,06797
2545	3,40568,77867	17,06126
2546	3,40585,83993	17,05456
2547	3,40602,89450	17,04787
2548	3,40619,94237	17,04118
2549	3,40636,98355	17,03449
2550	3,40654,01804	17,02782

Num.	Logarithmi	Differ.
2551	3,40671,04586	17,02114
2552	3,40688,06700	17,01448
2553	3,40705,08148	17,00781
2554	3,40722,08929	17,00116
2555	3,40739,09045	16,99450
2556	3,40756,08495	16,98785
2557	3,40773,07280	16,98121
2558	3,40790,05401	16,97458
2559	3,40807,02859	16,96794
2560	3,40823,99653	16,96132
2561	3,40840,95785	16,95469
2562	3,40857,91254	16,94808
2563	3,40874,86062	16,94146
2564	3,40891,80208	16,93486
2565	3,40908,73694	16,92826
2566	3,40925,66520	16,92167
2567	3,40942,58687	16,91507
2568	3,40959,50194	16,90849
2569	3,40976,41043	16,90190
2570	3,40993,31233	16,89533
2571	3,41010,20766	16,88877
2572	3,41027,09643	16,88219
2573	3,41043,97862	16,87564
2574	3,41060,85426	16,86908
2575	3,41077,72334	16,86253
2576	3,41094,58587	16,85599
2577	3,41111,44186	16,84944
2578	3,41128,29130	16,84291
2579	3,41145,13421	16,83639
2580	3,41161,97060	16,82985
2581	3,41178,80045	16,82334
2582	3,41195,62379	16,81683
2583	3,41212,44062	16,81031
2584	3,41229,25093	16,80381
2585	3,41246,05474	16,79731
2586	3,41262,85205	16,79082
2587	3,41279,64287	16,78433
2588	3,41296,42720	16,77784
2589	3,41313,20504	16,77137
2590	3,41329,97641	16,76489
2591	3,41346,74130	16,75842
2592	3,41363,49972	16,75196
2593	3,41380,25168	16,74549
2594	3,41396,99717	16,73905
2595	3,41413,73622	16,73259
2596	3,41430,46881	16,72615
2597	3,41447,19496	16,71971
2598	3,41463,91467	16,71328
2599	3,41480,62795	16,70685
2600	3,41497,33480	16,70042

Num.	Logarithmi	Differ.
2601	3,41514,03522	16,69400
2602	3,41530,72922	16,68759
2603	3,41547,41681	16,68118
2604	3,41564,09799	16,67477
2605	3,41580,77276	16,66838
2606	3,41597,44114	16,66198
2607	3,41614,10312	16,65559
2608	3,41630,75871	16,64920
2609	3,41647,40791	16,64282
2610	3,41664,05073	16,63645
2611	3,41680,68718	16,63008
2612	3,41697,31726	16,62371
2613	3,41713,94097	16,61735
2614	3,41730,55832	16,61100
2615	3,41747,16932	16,60465
2616	3,41763,77397	16,59829
2617	3,41780,37226	16,59196
2618	3,41796,96422	16,58562
2619	3,41813,54984	16,57929
2620	3,41830,12913	16,57296
2621	3,41846,70209	16,56665
2622	3,41863,26874	16,56032
2623	3,41879,82906	16,55401
2624	3,41896,38307	16,54770
2625	3,41912,93077	16,54141
2626	3,41929,47218	16,53510
2627	3,41946,00728	16,52881
2628	3,41962,53609	16,52252
2629	3,41979,05861	16,51624
2630	3,41995,57485	16,50996
2631	3,42012,08481	16,50368
2632	3,42028,58849	16,49742
2633	3,42045,08591	16,49115
2634	3,42061,57706	16,48489
2635	3,42078,06195	16,47864
2636	3,42094,54059	16,47239
2637	3,42111,01298	16,46614
2638	3,42127,47912	16,45990
2639	3,42143,93902	16,45367
2640	3,42160,39269	16,44743
2641	3,42176,84012	16,44121
2642	3,42193,28133	16,43498
2643	3,42209,71631	16,42877
2644	3,42226,14508	16,42256
2645	3,42242,56764	16,41635
2646	3,42258,98399	16,41014
2647	3,42275,39413	16,40395
2648	3,42291,79808	16,39775
2649	3,42308,19583	16,39156
2650	3,42324,58739	16,38538

Num.	Logarithmi	Differ.
2651	3,42340,97277	16,37920
2652	3,42357,35197	16,37303
2653	3,42373,72500	16,36685
2654	3,42390,09185	16,36069
2655	3,42406,45254	16,35453
2656	3,42422,80707	16,34837
2657	3,42439,15544	16,34222
2658	3,42455,49766	16,33607
2659	3,42471,83373	16,32993
2660	3,42488,16366	16,32380
2661	3,42504,48746	16,31765
2662	3,42520,80511	16,31153
2663	3,42537,11664	16,30541
2664	3,42553,42205	16,29929
2665	3,42569,72134	16,29317
2666	3,42586,01451	16,28706
2667	3,42602,30157	16,28095
2668	3,42618,58252	16,27486
2669	3,42634,85738	16,26876
2670	3,42651,12614	16,26266
2671	3,42667,38880	16,25658
2672	3,42683,64538	16,25050
2673	3,42699,89588	16,24441
2674	3,42716,14029	16,23835
2675	3,42732,37864	16,23227
2676	3,42748,61091	16,22621
2677	3,42764,83712	16,22015
2678	3,42781,05727	16,21409
2679	3,42797,27136	16,20804
2680	3,42813,47940	16,20200
2681	3,42829,68140	16,19595
2682	3,42845,87735	16,18992
2683	3,42862,06727	16,18388
2684	3,42878,25115	16,17785
2685	3,42894,42900	16,17183
2686	3,42910,60083	16,16581
2687	3,42926,76664	16,15980
2688	3,42942,92644	16,15378
2689	3,42959,08022	16,14778
2690	3,42975,22800	16,14178
2691	3,42991,36978	16,13578
2692	3,43007,50556	16,12978
2693	3,43023,63534	16,12380
2694	3,43039,75914	16,11781
2695	3,43055,87695	16,11184
2696	3,43071,98879	16,10586
2697	3,43088,09465	16,09988
2698	3,43104,19453	16,09393
2699	3,43120,28846	16,08796
2700	3,43136,37642	16,08200

Num.	Logarithmi	Differ.
2701	3,43152,45842	16,07605
2702	3,43168,53447	16,07010
2703	3,43184,60457	16,06416
2704	3,43200,66873	16,05821
2705	3,43216,72694	16,05229
2706	3,43232,77923	16,04635
2707	3,43248,82558	16,04042
2708	3,43264,86600	16,03450
2709	3,43280,90050	16,02859
2710	3,43296,92909	16,02267
2711	3,43312,95176	16,01676
2712	3,43328,96852	16,01086
2713	3,43344,97938	16,00495
2714	3,43360,98433	15,99906
2715	3,43376,98339	15,99317
2716	3,43392,97656	15,98728
2717	3,43408,96384	15,98140
2718	3,43424,94524	15,97552
2719	3,43440,92076	15,96964
2720	3,43456,89040	15,96378
2721	3,43472,85418	15,95791
2722	3,43488,81209	15,95204
2723	3,43504,76413	15,94619
2724	3,43520,71032	15,94034
2725	3,43536,65066	15,93449
2726	3,43552,58515	15,92864
2727	3,43568,51379	15,92281
2728	3,43584,43660	15,91697
2729	3,43600,35357	15,91113
2730	3,43616,26470	15,90531
2731	3,43632,17001	15,89949
2732	3,43648,06950	15,89367
2733	3,43663,96317	15,88785
2734	3,43679,85102	15,88205
2735	3,43695,73307	15,87623
2736	3,43711,60930	15,87044
2737	3,43727,47974	15,86464
2738	3,43743,34438	15,85885
2739	3,43759,20323	15,85305
2740	3,43775,05628	15,84727
2741	3,43790,90355	15,84150
2742	3,43806,74505	15,83571
2743	3,43822,58076	15,82994
2744	3,43838,41070	15,82418
2745	3,43854,23488	15,81841
2746	3,43870,05329	15,81265
2747	3,43885,86594	15,80690
2748	3,43901,67284	15,80114
2749	3,43917,47398	15,79540
2750	3,43933,26938	15,78966

Num.	Logarithmi	Differ.
2751	3,43949,05904	15,78392
2752	3,43964,84296	15,77818
2753	3,43980,62114	15,77245
2754	3,43996,39359	15,76673
2755	3,44012,16032	15,76100
2756	3,44027,92132	15,75529
2757	3,44043,67661	15,74957
2758	3,44059,42618	15,74387
2759	3,44075,17005	15,73816
2760	3,44090,90821	15,73245
2761	3,44106,64066	15,72676
2762	3,44122,36742	15,72107
2763	3,44138,08849	15,71538
2764	3,44153,80387	15,70969
2765	3,44169,51356	15,70402
2766	3,44185,21758	15,69833
2767	3,44200,91591	15,69267
2768	3,44216,60858	15,68699
2769	3,44232,29557	15,68134
2770	3,44247,97691	15,67567
2771	3,44263,65258	15,67001
2772	3,44279,32259	15,66437
2773	3,44294,98690	15,65871
2774	3,44310,64567	15,65308
2775	3,44326,29875	15,64743
2776	3,44341,94618	15,64180
2777	3,44357,58798	15,63616
2778	3,44373,22414	15,63054
2779	3,44388,85468	15,62491
2780	3,44404,47959	15,61930
2781	3,44420,09889	15,61368
2782	3,44435,71257	15,60806
2783	3,44451,32063	15,60246
2784	3,44466,92309	15,59686
2785	3,44482,51995	15,59126
2786	3,44498,11121	15,58566
2787	3,44513,69687	15,58007
2788	3,44529,27694	15,57449
2789	3,44544,85143	15,56890
2790	3,44560,42033	15,56332
2791	3,44575,98365	15,55775
2792	3,44591,54140	15,55217
2793	3,44607,09357	15,54661
2794	3,44622,64018	15,54104
2795	3,44638,18122	15,53549
2796	3,44653,71671	15,52993
2797	3,44669,24664	15,52438
2798	3,44684,77102	15,51883
2799	3,44700,28985	15,51328
2800	3,44715,80313	15,50775

Num.	Logarithmi	Differ.
2801	3,44731,31088	15,50221
2802	3,44746,81309	15,49669
2803	3,44762,30978	15,49115
2804	3,44777,80093	15,48563
2805	3,44793,28656	15,48011
2806	3,44808,76667	15,47459
2807	3,44824,24126	15,46909
2808	3,44839,71035	15,46357
2809	3,44855,17392	15,45807
2810	3,44870,63199	15,45257
2811	3,44886,08456	15,44707
2812	3,44901,53163	15,44159
2813	3,44916,97322	15,43609
2814	3,44932,40931	15,43061
2815	3,44947,83992	15,42513
2816	3,44963,26505	15,41965
2817	3,44978,68470	15,41418
2818	3,44994,09888	15,40871
2819	3,45009,50759	15,40324
2820	3,45024,91083	15,39779
2821	3,45040,30862	15,39232
2822	3,45055,70094	15,38687
2823	3,45071,08781	15,38143
2824	3,45086,46924	15,37598
2825	3,45101,84522	15,37053
2826	3,45117,21575	15,36510
2827	3,45132,58085	15,35966
2828	3,45147,94051	15,35424
2829	3,45163,29475	15,34880
2830	3,45178,64355	15,34339
2831	3,45193,98694	15,33796
2832	3,45209,32490	15,33255
2833	3,45224,65745	15,32714
2834	3,45239,98459	15,32173
2835	3,45255,30632	15,31633
2836	3,45270,62265	15,31093
2837	3,45285,93358	15,30553
2838	3,45301,23911	15,30014
2839	3,45316,53925	15,29475
2840	3,45331,83400	15,28937
2841	3,45347,12337	15,28399
2842	3,45362,40736	15,27861
2843	3,45377,68597	15,27324
2844	3,45392,95921	15,26786
2845	3,45408,22707	15,26250
2846	3,45423,48957	15,25714
2847	3,45438,74671	15,25179
2848	3,45453,99850	15,24642
2849	3,45469,24492	15,24108
2850	3,45484,48600	15,23573

Num.	Logarithmi	Differ.
2851	3,45499,72173	15,23039
2852	3,45514,95212	15,22505
2853	3,45530,17717	15,21971
2854	3,45545,39688	15,21438
2855	3,45560,61126	15,20905
2856	3,45575,82031	15,20373
2857	3,45591,02404	15,19841
2858	3,45606,22245	15,19309
2859	3,45621,41554	15,18777
2860	3,45636,60331	15,18247
2861	3,45651,78578	15,17716
2862	3,45666,96294	15,17186
2863	3,45682,13480	15,16656
2864	3,45697,30136	15,16127
2865	3,45712,46263	15,15598
2866	3,45727,61861	15,15068
2867	3,45742,76929	15,14541
2868	3,45757,91470	15,14012
2869	3,45773,05482	15,13485
2870	3,45788,18967	15,12958
2871	3,45803,31925	15,12431
2872	3,45818,44356	15,11904
2873	3,45833,56260	15,11378
2874	3,45848,67638	15,10852
2875	3,45863,78490	15,10327
2876	3,45878,88817	15,09802
2877	3,45893,98619	15,09277
2878	3,45909,07896	15,08753
2879	3,45924,16649	15,08229
2880	3,45939,24878	15,07705
2881	3,45954,32583	15,07182
2882	3,45969,39765	15,06659
2883	3,45984,46424	15,06136
2884	3,45999,52560	15,05615
2885	3,46014,58175	15,05093
2886	3,46029,63268	15,04571
2887	3,46044,67839	15,04050
2888	3,46059,71889	15,03529
2889	3,46074,75418	15,03010
2890	3,46089,78428	15,02489
2891	3,46104,80917	15,01969
2892	3,46119,82886	15,01450
2893	3,46134,84336	15,00932
2894	3,46149,85268	15,00413
2895	3,46164,85681	14,99894
2896	3,46179,85575	14,99377
2897	3,46194,84952	14,98859
2898	3,46209,83811	14,98343
2899	3,46224,82154	14,97825
2900	3,46239,79979	14,97309

Num.	Logarithmi	Differ.
2901	3,46254,77288	14,96793
2902	3,46269,74081	14,96277
2903	3,46284,70358	14,95762
2904	3,46299,66120	14,95247
2905	3,46314,61367	14,94733
2906	3,46329,56100	14,94218
2907	3,46344,50318	14,93704
2908	3,46359,44022	14,93190
2909	3,46374,37212	14,92678
2910	3,46389,29890	14,92164
2911	3,46404,22054	14,91652
2912	3,46419,13706	14,91140
2913	3,46434,04846	14,90628
2914	3,46448,95474	14,90117
2915	3,46463,85591	14,89605
2916	3,46478,75196	14,89095
2917	3,46493,64291	14,88585
2918	3,46508,52876	14,88074
2919	3,46523,40950	14,87564
2920	3,46538,28514	14,87056
2921	3,46553,15570	14,86546
2922	3,46568,02116	14,86038
2923	3,46582,88154	14,85529
2924	3,46597,73683	14,85021
2925	3,46612,58704	14,84514
2926	3,46627,43218	14,84006
2927	3,46642,27224	14,83500
2928	3,46657,10724	14,82993
2929	3,46671,93717	14,82487
2930	3,46686,76204	14,81980
2931	3,46701,58184	14,81476
2932	3,46716,39660	14,80970
2933	3,46731,20630	14,80465
2934	3,46746,01095	14,79961
2935	3,46760,81056	14,79456
2936	3,46775,60512	14,78953
2937	3,46790,39465	14,78450
2938	3,46805,17915	14,77946
2939	3,46819,95861	14,77443
2940	3,46834,73304	14,76941
2941	3,46849,50245	14,76439
2942	3,46864,26684	14,75937
2943	3,46879,02621	14,75436
2944	3,46893,78057	14,74934
2945	3,46908,52991	14,74434
2946	3,46923,27425	14,73933
2947	3,46938,01358	14,73434
2948	3,46952,74792	14,72934
2949	3,46967,47726	14,72434
2950	3,46982,20160	14,71935

Num.	Logarithmi	Differ.
2951	3,46996,92095	14,71437
2952	3,47011,63532	14,70938
2953	3,47026,34470	14,70440
2954	3,47041,04910	14,69942
2955	3,47055,74852	14,69445
2956	3,47070,44297	14,68948
2957	3,47085,13245	14,68452
2958	3,47099,81697	14,67955
2959	3,47114,49652	14,67459
2960	3,47129,17111	14,66963
2961	3,47143,84074	14,66468
2962	3,47158,50542	14,65973
2963	3,47173,16515	14,65478
2964	3,47187,81993	14,64984
2965	3,47202,46977	14,64490
2966	3,47217,11467	14,65996
2967	3,47231,75463	14,63503
2968	3,47246,38966	14,63010
2969	3,47261,01976	14,62517
2970	3,47275,64493	14,62025
2971	3,47290,26518	14,61533
2972	3,47304,88051	14,61041
2973	3,47319,49092	14,60550
2974	3,47334,09642	14,60059
2975	3,47348,69701	14,59568
2976	3,47363,29269	14,59077
2977	3,47377,88346	14,58588
2978	3,47392,46934	14,58098
2979	3,47407,05032	14,57609
2980	3,47421,62641	14,57119
2981	3,47436,19760	14,56631
2982	3,47450,76391	14,56143
2983	3,47465,32534	14,55654
2984	3,47479,88188	14,55167
2985	3,47494,43355	14,54679
2986	3,47508,98034	14,54192
2987	3,47523,52226	14,53705
2988	3,47538,05931	14,53219
2989	3,47552,59150	14,52733
2990	3,47567,11883	14,52247
2991	3,47581,64130	14,51762
2992	3,47596,15892	14,51276
2993	3,47610,67168	14,50792
2994	3,47625,17960	14,50307
2995	3,47639,68267	14,49823
2996	3,47654,18090	14,49339
2697	3,47668,67429	14,48856
2998	3,47683,16285	14,48373
2999	3,47697,64658	14,47889
3000	3,47712,12547	14,47407

Num.	Logarithmi	Differ.
3001	3,47726,59954	14,46925
3002	3,47741,06879	14,46443
3003	3,47755,53322	14,45961
3004	3,47769,99283	14,45480
3005	3,47784,44763	14,45000
3006	3,47798,89763	14,44518
3007	3,47813,34281	14,44038
3008	3,47827,78319	14,43558
3009	3,47842,21877	14,43079
3010	3,47856,64956	14,42599
3011	3,47871,07555	14,42120
3012	3,47885,49675	14,41642
3013	3,47899,91317	14,41163
3014	3,47914,32480	14,40685
3015	3,47928,73165	14,40207
3016	3,47943,13372	14,39730
3017	3,47957,53102	14,39252
3018	3,47971,92354	14,38776
3019	3,47986,31130	14,38300
3020	3,48000,69430	14,37823
3021	3,48015,07253	14,37347
3022	3,48029,44600	14,36872
3023	3,48043,81472	14,36396
3024	3,48058,17868	14,35922
3025	3,48072,53790	14,35447
3026	3,48086,89237	14,34973
3027	3,48101,24210	14,34498
3028	3,48115,58708	14,34025
3029	3,48129,92733	14,33552
3030	3,48144,26285	14,33079
3031	3,48158,59364	14,32606
3032	3,48172,91970	14,32133
3033	3,48187,24103	14,31662
3034	3,48201,55765	14,31189
3035	3,48215,86954	14,30718
3036	3,48230,17672	14,30247
3037	3,48244,47919	14,29776
3038	3,48258,77695	14,29306
3039	3,48273,07001	14,28835
3040	3,48287,35836	14,28365
3041	3,48301,64201	14,27896
3042	3,48315,92097	14,27427
3043	3,48330,19524	14,26957
3044	3,48344,46481	14,26489
3045	3,48358,72970	14,26020
3046	3,48372,98990	14,25552
3047	3,48387,24542	14,25085
3048	3,48401,49627	14,24617
3049	3,48415,74244	14,24149
3050	3,48429,98393	14,23683

Num.	Logarithmi	Differ.
3051	3,48444,22076	14,23217
3052	3,48458,45293	14,22750
3053	3,48472,68043	14,22284
3054	3,48486,90327	14,21819
3055	3,48501,12146	14,21353
3056	3,48515,33499	14,20888
3057	3,48529,54387	14,20424
3058	3,48543,74811	14,19959
3059	3,48557,94770	14,19495
3060	3,48572,14265	14,19031
3061	3,48586,33296	14,18568
3062	3,48600,51864	14,18104
3063	3,48614,69968	14,17642
3064	3,48628,87610	14,17179
3065	3,48643,04789	14,16716
3066	3,48657,21505	14,16255
3067	3,48671,37700	14,15793
3068	3,48685,53553	14,15331
3069	3,48699,68884	14,14871
3070	3,48713,83755	14,14409
3071	3,48727,98164	14,13950
3072	3,48742,12114	14,13489
3073	3,48756,25603	14,13029
3074	3,48770,38632	14,12569
3075	3,48784,51201	14,12110
3076	3,48798,63311	14,11651
3077	3,48812,74962	14,11193
3078	3,48826,86155	14,10734
3079	3,48840,96889	14,10276
3080	3,48855,07165	14,09818
3081	3,48869,16983	14,09361
3082	3,48883,26344	14,08903
3083	3,48897,35247	14,08447
3084	3,48911,43694	14,07990
3085	3,48925,51684	14,07533
3086	3,48939,59217	14,07078
3087	3,48953,66295	14,06622
3088	3,48967,72917	14,06166
3089	3,48981,79083	14,05711
3090	3,48995,84794	14,05257
3091	3,49009,90051	14,04801
3092	3,49023,94852	14,04348
3093	3,49037,99200	14,03894
3094	3,49052,03094	14,03440
3095	3,49066,06534	14,02986
3096	3,49080,09520	14,02534
3097	3,49094,12054	14,02080
3098	3,49108,14134	14,01628
3099	3,49122,15762	14,01176
3100	3,49136,16938	14,00724

Num.	Logarithmi	Differ.
3101	3,49150,17662	14,00273
3102	3,49164,17935	13,99821
3103	3,49178,17756	13,99370
3104	3,49192,17126	13,98919
3105	3,49206,16045	13,98469
3106	3,49220,14514	13,98019
3107	3,49234,12533	13,97568
3108	3,49248,10101	13,97119
3109	3,49262,07220	13,96670
3110	3,49276,03890	13,96221
3111	3,49290,00111	13,95772
3112	3,49303,95883	13,95324
3113	3,49317,91207	13,94875
3114	3,49331,86082	13,94428
3115	3,49345,80510	13,93980
3116	3,49359,74490	13,93533
3117	3,49373,68023	13,93086
3118	3,49387,61109	13,92639
3119	3,49401,53748	13,92192
3120	3,49415,45940	13,91747
3121	3,49429,37687	13,91300
3122	3,49443,28987	13,90855
3123	3,49457,19842	13,90410
3124	3,49471,10252	13,89965
3125	3,49485,00217	13,89520
3126	3,49498,89737	13,89075
3127	3,49512,78812	13,88632
3128	3,49526,67444	13,88187
3129	3,49540,55631	13,87744
3130	3,49554,43375	13,87301
3131	3,49568,30676	13,86858
3132	3,49582,17534	13,86415
3133	3,49596,03949	13,85972
3134	3,49609,89921	13,85531
3135	3,49623,75452	13,85088
3136	3,49637,60540	13,84647
3137	3,49651,45187	13,84206
3138	3,49665,29393	13,83764
3139	3,49679,13157	13,83324
3140	3,49692,96481	13,82883
3141	3,49706,79364	13,82443
3142	3,49720,61807	13,82003
3143	3,49734,43810	13,81564
3144	3,49748,25374	13,81124
3145	3,49762,06498	13,80685
3146	3,49775,87183	13,80246
3147	3,49789,67429	13,79808
3148	3,49803,47237	13,79369
3149	3,49817,26606	13,78932
3150	3,49831,05538	13,78494

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Num.	Logarithmi	Differ.
3151	3,49844,84032	13,78056
3152	3,49858,62088	13,77619
3153	3,49872,39707	13,77183
3154	3,49886,16890	13,76746
3155	3,49899,93636	13,76309
3156	3,49913,69945	13,75874
3157	3,49927,45819	13,75438
3158	3,49941,21257	13,75002
3159	3,49954,96259	13,74567
3160	3,49968,70826	13,74132
3161	3,49982,44958	13,73698
3162	3,49996,18656	13,73263
3163	3,50009,91919	13,72829
3164	3,50023,64748	13,72396
3165	3,50037,37144	13,71961
3166	3,50051,09105	13,71529
3167	3,50064,80634	13,71095
3168	3,50078,51729	13,70663
3169	3,50092,22392	13,70230
3170	3,50105,92622	13,69798
3171	3,50119,62420	13,69366
3172	3,50133,31786	13,68935
3173	3,50147,00721	13,68503
3174	3,50160,69224	13,68072
3175	3,50174,37296	13,67642
3176	3,50188,04938	13,67210
3177	3,50201,72148	13,66781
3178	3,50215,38929	13,66350
3179	3,50229,05279	13,65921
3180	3,50242,71200	13,65491
3181	3,50256,36691	13,65062
3182	3,50270,01753	13,64633
3183	3,50283,66386	13,64205
3184	3,50297,30591	13,63776
3185	3,50310,94367	13,63348
3186	3,50324,57715	13,62920
3187	3,50338,20635	13,62492
3188	3,50351,83127	13,62065
3189	3,50365,45192	13,61639
3190	3,50379,06831	13,61211
3191	3,50392,68042	13,60785
3192	3,50406,28827	13,62358
3193	3,50419,89185	13,59933
3194	3,50433,49118	13,59507
3195	3,50447,08625	13,59081
3196	3,50460,67706	13,58657
3197	3,50474,26363	13,58231
3198	3,50487,84594	13,57807
3199	3,50501,42401	13,57382
3200	3,50514,99783	13,56958

Num.	Logarithmi	Differ.
3201	3,50528,56741	13,56535
3202	3,50542,13276	13,56111
3203	3,50555,69387	13,55687
3204	3,50569,25074	13,55265
3205	3,50582,80339	13,54841
3206	3,50596,35180	13,54419
3207	3,50609,89599	13,53997
3208	3,50623,43596	13,53575
3209	3,50636,97171	13,53153
3210	3,50650,50324	13,52732
3211	3,50664,03056	13,52310
3212	3,50677,55366	13,51890
3213	3,50691,07256	13,51468
3214	3,50704,58724	13,51049
3215	3,50718,09773	13,50628
3216	3,50731,60401	13,50208
3217	3,50745,10609	13,49789
3218	3,50758,60398	13,49369
3219	3,50772,09767	13,48950
3220	3,50785,58717	13,48531
3221	3,50799,07248	13,48113
3222	3,50812,55361	13,47694
3223	3,50826,03055	13,47276
3224	3,50839,50331	13,46859
3225	3,50852,97190	13,46441
3226	3,50866,43631	13,46023
3227	3,50879,89654	13,45607
3228	3,50893,35261	13,45189
3229	3,50906,80450	13,44773
3230	3,50920,25223	13,44357
3231	3,50933,69580	13,43941
3232	3,50947,13521	13,43525
3233	3,50960,57046	13,43110
3234	3,50974,00156	13,42694
3235	3,50987,42850	13,42279
3236	3,51000,85129	13,41865
3237	3,51014,26994	13,41450
3238	3,51027,68444	13,41036
3239	3,51041,09480	13,40622
3240	3,51054,50102	13,40208
3241	3,51067,90310	13,39795
3242	3,51081,30105	13,39382
3243	3,51094,69487	13,38968
3244	3,51108,08455	13,38556
3245	3,51121,47011	13,38144
3246	3,51134,85155	13,37731
3247	3,51148,22886	13,37320
3248	3,51161,60206	13,36907
3249	3,51174,97113	13,36497
3250	3,51188,33610	13,36085

Num.	Logarithmi	Differ.
3251	3,51201,69695	13,35674
3252	3,51215,05369	13,35264
3253	3,51228,40633	13,34853
3254	2,51241,75486	13,34443
3255	3,51255,09929	13,34033
3256	3,51268,43962	13,33624
3257	3,51281,77586	13,33214
3258	3,51295,10800	13,32805
3259	3,51308,43605	13,32396
3260	3,51321,76001	13,31987
3261	3,51335,07988	13,31579
3262	3,51348,39567	13,31171
3263	3,51361,70738	13,30763
3264	3,51375,01501	13.30355
3265	3,51388,31856	13,29948
3266	3,51401,61804	13,29541
3267	3,51414,91345	13,29134
3268	3,51428,20479	13,28727
3269	3,51441,49206	13,28321
3270	3,51454,77527	13,27914
3271	3,51468,05441	13,27509
3272	3,51481,32950	13,27103
3273	3,51494,60053	13,26698
3274	3,51507,86751	13,26292
3275	3,51521,13043	13,25888
3276	3,51534,38931	13,25483
3277	3,51547,64414	13,25078
3278	3,51560,89492	13,24675
3279	3,51574,14167	13,24270
3280	3,51587,38437	13,23867
3281	3,51600,62304	13,23463
3282	3,51613,85767	13,23060
3283	3,51627,08827	13,22657
3284	3,51640,31484	13,22255
3285	3,51653,53739	13,21852
3286	3,51666,75591	13,21450
3287	3,51679,97041	13,21048
3288	3,51693,18089	13,20646
3289	3,51706,38735	13,20244
3290	3,51719,58979	13,19844
3291	3,51732,78823	13,19442
3292	3,51745,98265	13,19042
3293	3,51759,17307	13,18641
3294	3,51772,35948	13,18241
3295	3,51785,54189	13,17841
3296	3,51798,72030	13,17441
3297	3,51811,89471	13,17042
3298	3,51825,06513	13,16642
3299	3,51838,23155	13,16244
3300	3,51851,39399	13,15844

Num.	Logarithmi	Differ.
3301	3,51864,55243	13,15446
3302	3,51877,70689	13,15048
3303	3,51890,85737	13,14649
3304	3,51904,00386	13,14252
3305	3,51917,14638	13,13854
3306	3,51930,28492	13,13457
3307	3,51943,41949	13,13060
3308	3,51956,55009	13,12663
3309	3,51969,67672	13,12266
3310	3,51982,79938	13,11870
3311	3,51995,91808	13,11473
3312	3,52009,03281	13,11078
3313	3,52022,14359	13,10682
3314	3,52035,25041	13,10286
3315	3,52048,35327	13,09892
3316	3,52061,45219	13,09496
3317	3,52074,54715	13,09102
3318	3,52087,63817	13,08707
3319	3,52100,72524	13,08313
3320	3,52113,80837	13,07919
3321	3,52126,88756	13,07525
3322	3,52139,96281	13,07132
3323	3,52153,03413	13,06738
3324	3,52166,10151	13,06345
3325	3,52179,16496	13,05953
3326	3,52192,22449	13,05560
3327	3,52205,28009	13,05167
3328	3,52218,33176	13,04776
3329	3,52231,27952	13,04383
3330	3,52244,42335	13,03992
3331	3,52257,46327	13,03600
3332	3,52270,49927	13,03210
3333	3,52283,53137	13,02818
3334	3,52296,55955	13,02428
3335	3,52309,58383	13,02037
3336	3,52322,60420	13,01647
3337	3,52335,62067	13,01256
3338	3,52348,63323	13,00868
3339	3,52361,64191	13,00477
3340	3,52374,64668	13,00088
3341	3,52387,64756	12,99700
3342	3,52400,64456	12,99310
3343	3,52413,63766	12,98922
3344	3,52426,62688	12,98533
3345	3,52439,61221	12,98145
3346	3,52452,59366	12,97758
3347	3,52465,57124	12,97369
3348	3,52478,54493	12,96982
3349	3,52491,51475	12,96595
3350	3,52504,48070	12,96208

Num.	Logarithmi	Differ.
3351	3,52517,44278	12,95822
3352	3,52530,40100	12,95434
3353	3,52543,35534	12,45049
3354	3,52556,30583	12,94662
3355	3,52569,25245	12,94277
3356	3,52582,19522	12,93890
3357	3,52595,13412	12,93506
3358	3,52608,06918	12,93120
3359	3,52621,00038	12,92736
3360	3,52633,92774	12,92351
3361	3,52646,85125	12,91966
3362	3,52659,77091	12,91582
3363	3,52672,68673	12,91198
3364	3,52685,59871	12,90815
3365	3,52698,50686	12,90430
3366	3,52711,41116	12,90048
3367	3,52724,31164	12,89664
3368	3,52737,20828	12,89282
3369	3,52750,10110	12,88899
3370	3,52762,99009	12,88516
3371	3,52775,87525	12,88135
3372	3,52788,75660	12,87752
3373	3,52801,63412	12,87371
3374	3,52814,50783	12,86989
3375	3,52827,37772	12,86608
3376	3,52840,24380	12,86[illegible]6
3377	3,52853,10606	12,85846
3378	3,52865,96452	12,85466
3379	3,52878,81918	12,85085
3380	3,52891,67003	12,84705
3381	3,52904,51708	12,84325
3382	3,52917,36033	12,83945
3383	3,52930,19978	12,83566
3384	3,52943,03544	12,83186
3385	3,52955,86730	12,82808
3386	3,52968,69538	12,82428
3387	3,52981,51966	12,82051
3388	3,52994,34017	12,81671
3389	3,53007,15688	12,81294
3390	3,53019,96982	12,80916
3391	3,53032,77898	12,80538
3392	3,53045,58436	12,80160
3393	3,53058,38596	12,79784
3394	3,53071,18380	12,79406
3395	3,53083,97786	12,79030
3396	3,53096,76816	12,78653
3397	3,53109,55469	12,78276
3398	3,53122,33745	12,77901
3399	3,53135,11646	12,77524
3400	3,53147,89170	12,77149

Num.	Logarithmi	Differ.
3401	3,53160,66319	12,76774
3402	3,53173,43093	12,76398
3403	3,53186,19491	12,76023
3404	3,53198,95514	12,75648
3405	3,53211,71162	12,75274
3406	3,53224,46436	12,74900
3407	3,53237,21336	12,74525
3408	3,53249,95861	12,74151
3409	3,53262,70012	12,73778
3410	3,53275,43790	12,73404
3411	3,53288,17194	12,73031
3412	3,53300,90225	12,72658
3413	3,53313,62883	12,72285
3414	3,53326,35168	12,71912
3415	3,53339,07080	12,71540
3416	3,53351,78620	12,71168
3417	3,53364,49788	12,70796
3418	3,53377,20584	12,70424
3419	3,53389,91008	12,70053
3420	3,53402,61061	12,69681
3421	3,53415,30742	12,69310
3422	3,53428,00052	12,68939
3423	3,53440,68991	12,68569
3424	3,53453,37560	12,68198
3425	3,53466,05758	12,67828
3426	3,53478,73586	12,67458
3427	3,53491,41044	12,67089
3428	3,53504,08133	12,66718
3429	3,53516,74851	12,66349
3430	3,53529,41200	12,65981
3431	3,53542,07181	12,65611
3432	3,53554,72792	12,65242
3433	3,53567,38034	12,64874
3434	3,53580,02908	12,64506
3435	3,53592,67414	12,64138
3436	3,53605,31552	12,63769
3437	3,53617,95321	12,63403
3438	3,53630,58724	12,63034
3439	3,53643,21758	12,62668
3440	3,53655,84426	12,62300
3441	3,53668,46726	12,61934
3442	3,53681,08660	12,61567
3443	3,53693,70227	12,61201
3444	3,53706,31428	12,60834
3445	3,53718,92262	12,60469
3446	3,53731,52731	12,60103
3447	3,53744,12834	12,59738
3448	3,53756,72572	12,59372
3449	3,53769,31944	12,59007
3450	3,53781,90951	12,58642

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3451	3,53794,49593	12,58277	3501	3,54419,21108	12,40309	3551	3,55035,06723	12,22848
3452	3,53807,07870	12,57913	3502	3,54431,61417	12,39956	3552	3,55047,29571	12,22504
3453	3,53819,65783	12,57549	3503	3,54444,01373	12,39602	3553	3,55059,52075	12,22160
3454	3,53832,23332	12,57185	3504	3,54456,40975	12,39248	3554	3,55071,74235	12,21816
3455	3,53844,80517	12,56821	3505	3,54468,80223	12,38895	3555	3,55083,96051	12,21472
3456	3,53857,37338	12,56457	3506	3,54481,19118	12,38541	3556	3,55096,17523	12,21129
3457	3,53869,93795	12,56094	3507	3,54493,57659	12,38188	3557	3,55108,38652	12,20785
3458	3,53882,49889	12,55731	3508	3,54505,95847	12,37835	3558	3,55120,59437	12,20443
3459	3,53895,05620	12,55368	3509	3,54518,33682	12,37483	3559	3,55132,79880	12,20100
3460	3,53907,60988	12,55005	3510	3,54530,71165	12,37130	3560	3,55144,99980	12,19757
3461	3,53920,15993	12,54642	3511	3,54543,08295	12,36777	3561	3,55157,19737	12,19414
3462	3,53932,70635	12,54280	3512	3,54555,45072	12,36426	3562	3,55169,39151	12,19073
3463	3,53945,24915	12,53918	3513	3,54567,81498	12,36074	3563	3,55181,58224	12,18730
3464	3,53957,78833	12,53556	3514	3,54580,17572	12,35722	3564	3,55193,76954	12,18388
3465	3,53970,32389	12,53195	3515	3,54592,53294	12,35370	3565	3,55205,95342	12,18046
3466	3,53982,85584	12,52833	3516	3,54604,88664	12,35019	3566	3,55218,13388	12,17705
3467	3,53995,38417	12,52471	3517	3,54617,23683	12,34668	3567	3,55230,31093	12,17364
3468	3,54007,90888	12,52110	3518	3,54629,58351	12,34317	3568	3,55242,48457	12,17023
3469	3,54020,42998	12,51750	3519	3,54641,92668	12,33967	3569	3,55254,65480	12,16681
3470	3,54032,94748	12,51389	3520	3,54654,26635	12,33616	3570	3,55266,82161	12,16341
3471	3,54045,46137	12,51028	3521	3,54666,60251	12,33265	3571	3,55278,98502	12,16000
3472	3,54057,97165	12,50668	3522	3,54678,93516	12,32916	3572	3,55291,14502	12,15660
3473	3,54070,47833	12,50308	3523	3,54691,26432	12,32565	3573	3,55303,30162	12,15320
3474	3,54082,98141	12,49948	3524	3,54703,58997	12,32216	3574	3,55315,45482	12,14979
3475	3,54095,48089	12,49589	3525	3,54715,91213	12,31867	3575	3,55327,60461	12,14640
3476	3,54107,97678	12,49229	3526	3,54728,23080	12,31517	3576	3,55339,75101	12,14300
3477	3,54120,46907	12,48870	3527	3,54740,54597	12,31168	3577	3,55351,89401	12,13961
3478	3,54132,95777	12,48510	3528	3,54752,85765	12,30819	3578	3,55364,03362	12,13622
3479	3,54145,44287	12,48152	3529	3,54765,16584	12,30470	3579	3,55376,16984	12,13282
3480	3,54157,92439	12,47794	3530	3,54777,47054	12,30122	3580	3,55388,30266	12,12944
3481	3,54170,40233	12,47435	3531	3,54789,77176	12,29773	3581	3,55400,43210	12,12605
3482	3,54182,87668	12,47077	3532	3,54802,06949	12,29425	3582	3,55412,55815	12,12267
3483	3,54195,34745	12,46718	3533	3,54814,36374	12,29078	3583	3,55424,68082	12,11928
3484	3,54207,81463	12,46361	3534	3,54826,65452	12,28729	3584	3,55436,80010	12,11590
3485	3,54220,27824	12,46004	3535	3,54838,94181	12,28382	3585	3,55448,91600	12,11252
3486	3,54232,73828	12,45646	3530	3,54851,22563	12,28035	3586	3,55461,02852	12,10915
3487	3,54245,19474	12,45289	3537	3,54863,50598	12,27688	3587	3,55473,13767	12,10577
3488	3,54257,64763	12,44931	3538	3,54875,78286	12,27340	3588	3,55485,24344	12,10239
3489	3,54270,09694	12,44576	3539	3,54888,05626	12,26994	3589	3,55497,34583	12,09903
3490	3,54282,54270	12,44218	3540	3,54900,32620	12,26648	3590	3,55509,44486	12,09565
3491	3,54294,98488	12,43862	3541	3,54912,59268	12,26301	3591	3,55521,54051	12,09229
3492	3,54307,42350	12,43506	3542	3,54924,85569	12,25954	3592	3,55533,63280	12,08892
3493	3,54319,85856	12,43150	3543	3,54937,11523	12,25609	3593	3,55545,72172	12,08556
3494	3,54332,29006	12,42795	3544	3,54949,37132	12,25263	3594	3,55557,80728	12,08219
3495	3,54344,71801	12,42439	3545	3,54961,62395	12,24918	3595	3,55569,88947	12,07884
3496	3,54357,14240	12,42083	3546	3,54973,87313	12,24572	3596	3,55581,96831	12,07547
3497	3,54369,56323	12,41728	3547	3,54986,11885	12,24227	3597	3,55594,04378	12,07212
3498	3,54381,98051	12,41374	3548	3,54998,36112	12,23881	3598	3,55606,11590	12,06877
3499	3,54394,49425	12,41019	3549	3,55010,59993	12,23538	3599	3,55618,18467	12,06541
4500	3,54406,80444	12,40664	3550	3,55022,83531	12,23192	3600	3,55630,25008	12,06206

Num.	Logarithmi	Differ.
4501	3,65330,90129	9,64778
4502	3,65340,54907	9,64563
4503	3,65350,19470	9,64348
4504	3,65359,83818	9,64135
4505	3,65369,47953	9,63921
4506	3,65379,11874	9,63707
4507	3,65388,75581	9,63493
4508	3,65398,39074	9,63279
4509	3,65408,02353	9,63066
4510	3,65417,65419	9,62852
4511	3,65427,28271	9,62639
4512	3,65436,90910	9,62425
4513	3,65446,53335	9,62212
4514	3,65456,15547	9,61999
4515	3,65465,77546	9,61787
4516	3,65475,39333	9,61573
4517	3,65485,00906	9,61360
4518	3,65494,62266	9,61147
4519	3,65504,23413	9,60935
4520	3,65513,84348	9,60722
4521	3,65523,45070	9,60510
4522	3,65533,05580	9,60297
4523	3,65542,65877	9,60086
4524	3,65552,25963	9,59872
4525	3,65561,85835	9,59661
4526	3,65571,45496	9,59449
4527	3,65581,04945	9,59237
4528	3,65590,64182	9,59025
4529	3,65600,23207	9,58813
4530	3,65609,82020	9,58602
4531	3,65619,40622	9,58390
4532	3,65628,99012	9,58179
4533	3,65638,57191	9,57967
4534	3,65648,15158	9,57756
4535	3,65657,72914	9,57545
4536	3,65667,30459	9,57334
4537	3,65676,87793	9,57122
4538	3,65686,44915	9,56912
4539	3,65696,01827	9,56702
4540	3,65705,58529	9,56490
4541	3,65715,15019	9,56280
4542	3,65724,71299	9,56069
4543	3,65734,27368	9,55859
4544	3,65743,83227	9,55649
4545	3,65753,38876	9,55438
4546	3,65762,94314	9,55228
4547	3,65772,49542	9,55018
4548	3,65782,04560	9,54808
4549	3,65791,59368	9,54599
4550	3,65801,13967	9,54388

Num.	Logarithmi	Differ.
4551	3,65810,68355	9,54179
4552	3,65820,22534	9,53969
4553	3,65829,76503	9,53760
4554	3,65839,30263	9,53550
4555	3,65848,83813	9,53341
4556	3,65858,37154	9,53132
4557	3,65867,90286	9,52922
4558	3,65877,43208	9,52714
4559	3,65886,95922	9,52505
4560	3,65896,48427	9,52295
4561	3,65906,00722	9,52087
4562	3,65915,52809	9,51879
4563	3,65925,04688	9,51669
4564	3,65934,56357	9,51462
4565	3,65944,07819	9,51253
4566	3,65953,59072	9,51044
4567	3,65963,10116	9,50836
4568	3,65972,60952	9,50629
4569	3,65982,11581	9,50420
4570	3,65991,62001	9,50212
4571	3,66001,12213	9,50004
4572	3,66010,62217	9,49797
4573	3,66020,12014	9,49589
4574	3,66029,61603	9,49381
4575	3,66039,10984	9,49174
4576	3,66048,60158	9,48966
4577	3,66058,09124	9,48759
4578	3,66067,57883	9,48552
4579	3,66077,06435	9,48345
4580	3,66086,54780	9,48138
4581	3,66096,02918	9,47931
4582	3,66105,50849	9,47723
4583	3,66114,98572	9,47518
4584	3,66124,46090	9,47310
4585	3,66133,93400	9,47104
4586	3,66143,40504	9,46897
4587	3,66152,87401	9,46691
4588	3,66162,34092	9,46485
4589	3,66171,80577	9,46278
4590	3,66181,26855	9,46073
4591	3,66190,72928	9,45866
4592	3,66200,18794	9,45660
4593	3,66209,64454	9,45455
4594	3,66219,09909	9,45248
4595	3,66228,55157	9,45043
4596	3,66238,00200	9,44838
4597	3,66247,45038	9,44631
4598	3,66256,89669	9,44427
4599	3,66266,44096	9,44221
4600	3,66275,78317	9,44016

Num.	Logarithmi	Differ.
4601	3,66285,22333	9,43810
4602	3,66294,66143	9,43606
4603	3,66304,09749	9,43401
4604	3,66313,53150	9,43195
4605	3,66322,96345	9,42991
4606	3,66332,39336	9,42787
4607	3,66341,82123	9,42581
4608	3,66351,24704	9,42377
4609	3,66360,67081	9,42173
4610	3,66370,09254	9,41968
4611	3,66379,51222	9,41764
4612	3,66388,92986	9,41560
4613	3,66398,34546	9,41356
4614	3,66407,75902	9,41152
4615	3,66417,17054	9,40947
4616	3,66426,58001	9,40745
4617	3,66435,98746	9,40540
4618	3,66445,39286	9,40336
4619	3,66454,79622	9,40134
4620	3,66464,19756	9,39929
4621	3,66473,59685	9,39726
4622	3,66482,99411	9,39523
4623	3,66492,38934	9,39320
4624	3,66501,78254	9,39117
4625	3,66511,17371	9,38913
4626	3,66520,56284	9,38711
4627	3,66529,94995	9,38508
4628	3,66539,33503	9,38305
4629	3,66548,71808	9,38102
4630	3,66558,09910	9,37900
4631	3,66567,47810	9,37697
4632	3,66576,85507	9,37495
4633	3,66586,23002	9,37293
4634	3,66595,60295	9,37090
4635	3,66604,97385	9,36888
4636	3,66614,34273	9,36686
4637	3,66623,70959	9,36484
4638	3,66633,07443	9,36282
4639	3,66642,43725	9,36081
4640	3,66651,79806	9,35878
4641	3,66661,15684	9,35677
4642	3,66670,51361	9,35476
4643	3,66679,86837	9,35274
4644	3,66689,22111	9,35072
4645	3,66698,57183	9,34872
4646	3,66707,92055	9,34670
4647	3,66717,26725	9,34469
4648	3,66726,61194	9,34268
4649	3,66735,95462	9,34067
4650	3,66745,29529	9,33866

Num.	Logarithmi	Differ.
4651	3,66754,63395	9,33666
4652	3,66763,97061	9,33464
4653	3,66773,30525	9,33265
4654	3,66782,63790	9,33063
4655	3,66791,96853	9,32863
4656	3,66801,29716	9,32663
4657	3,66810,62379	9,32463
4658	3,66819,94842	9,32262
4659	3,66829,27104	9,32063
4660	3,66838,59167	9,31862
4661	3,66847,91029	9,31663
4662	3,66857,22692	9,31463
4663	3,66866,54155	9,31263
4664	3,66875,85418	9,31063
4665	3,66885,16481	9,30864
4666	3,66894,47345	9,30664
4667	3,66903,78009	9,30465
4668	3,66913,08474	9,30265
4669	3,66922,38739	9,30067
4670	3,66931,68806	9,29867
4671	3,66940,98673	9,29668
4672	3,66950,28341	9,29469
4673	3,66959,57810	9,29271
4674	3,66968,87081	9,29071
4675	3,66978,16152	9,28873
4676	3,66987,45025	9,28674
4677	3,66996,73699	9,28476
4678	3,67006,02175	9,28277
4679	3,67015,30452	9,28079
4680	3,67024,58531	9,27880
4681	3,67033,86411	9,27683
4682	3,67043,14094	9,27484
4683	3,67052,41578	9,27286
4684	3,67061,68864	9,27088
4685	3,67070,95952	9,26891
4686	3,67080,22843	9,26692
4687	3,67089,49535	9,26495
4688	3,67098,76030	9,26297
4689	3,67108,02327	9,26100
4690	3,67117,28427	9,25902
4691	3,67126,54329	9,25705
4692	3,67135,80034	9,25508
4693	3,67145,05542	9,25311
4694	3,67154,30853	9,25113
4695	3,67163,55966	9,24916
4696	3,67172,80882	9,24720
4697	3,67182,05602	9,24522
4698	3,67191,30124	9,24326
4699	3,67200,54450	9,24129
4700	3,67209,78579	9,23933

Num.	Logarithmi	Differ.
4701	3,67219,02512	9,23736
4702	3,67228,26248	9,23539
4703	3,67237,49787	9,23344
4704	3,67246,73131	9,23147
4705	3,67255,96278	9,22950
4706	3,67265,19228	9,22755
4707	3,67274,41983	9,22559
4708	3,67283,64542	9,22362
4709	3,67292,86904	9,22167
4710	3,67302,09071	9,21971
4711	3,67311,31042	9,21776
4712	3,67320,52818	9,21580
4713	3,67329,74398	9,21384
4714	3,67338,95782	9,21189
4715	3,67348,16971	9,20993
4716	3,67357,37964	9,20798
4717	3,67366,58762	9,20603
4718	3,67375,79365	9,20408
4719	3,67384,99773	9,20213
4720	3,67394,19986	9,20018
4721	3,67403,40004	9,19823
4722	3,67412,59827	9,19629
4723	3,67421,79456	9,19433
4724	3,67430,98889	9,19239
4725	3,67440,18128	9,19045
4726	3,67449,37173	9,18850
4727	3,67458,56023	9,18656
4728	3,67467,74679	9,18401
4729	3,67476,93140	9,18267
4730	3,67486,11407	9,18073
4731	3,67495,29480	9,17880
4732	3,67504,47360	9,17685
4733	3,67513,65045	9,17491
4734	3,67522,82536	9,17297
4735	3,67531,99833	9,17104
4736	3,67541,16937	9,16910
4737	3,67550,33847	9,16717
4738	3,67559,50564	9,16523
4739	3,67568,67087	9,16330
4740	3,67577,83417	9,16136
4741	3,67586,99553	9,15943
4742	3,67596,15496	9,15751
4743	3,67605,31247	9,15557
4744	3,67614,46804	9,15364
4745	3,67623,62168	9,15171
4746	3,67632,77339	9,14978
4747	3,67641,92317	9,14786
4748	3,67651,07103	9,14593
4749	3,67660,21696	9,14400
4750	3,67669,36096	9,14208

Num.	Logarithmi	Differ.
4751	3,67678,50304	9,14016
4752	3,67687,64320	9,13823
4753	3,67696,78143	9,13631
4754	3,67705,91774	9,13439
4755	3,67715,05213	9,13246
4756	3,67724,18459	9,13055
4757	3,67733,31514	9,13863
4758	3,67742,44377	9,12671
4759	3,67751,57048	9,12479
4760	3,67760,69527	9,12288
4761	3,67769,81815	9,12096
4762	3,67778,93911	9,11904
4763	3,67788,05815	9,11713
4764	3,67797,17528	9,11522
4765	3,67806,29050	9,11330
4766	3,67815,40380	9,11139
4767	3,67824,51519	9,10948
4768	3,67833,62467	9,10757
4769	3,67842,73224	9,10566
4770	3,67851,83790	9,10376
4771	3,67860,94166	9,10184
4772	3,67870,04350	9,09994
4773	3,67879,14344	9,09803
4774	3,67888,24147	9,09612
4775	3,67897,33759	9,09422
4776	3,67906,43181	9,09232
4777	3,67915,52413	9,09041
4778	3,67924,61454	9,08851
4779	3,67933,70305	9,08661
4780	3,67942,78966	9,08471
4781	3,67951,87437	9,08281
4782	3,67960,95718	9,08091
4783	3,67970,03809	9,07901
4784	3,67979,11710	9,07711
4785	3,67988,19421	9,07522
4786	3,67997,26943	9,07332
4787	3,68006,34275	9,07142
4788	3,68015,41417	9,06953
4789	3,68024,48370	9,06764
4790	3,68033,55134	9,06575
4791	3,68042,61709	9,06385
4792	3,68051,68094	9,06196
4793	3,68060,74290	9,06007
4794	3,68069,80297	9,05818
4795	3,68078,86115	9,05629
4796	3,68087,91744	9,05441
4797	3,68096,97185	9,05251
4798	3,68106,02436	9,05063
4799	3,68115,07499	9,04875
4800	3,68124,12374	9,04686

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3901	3,59117,59503	11,13148	3951	3,59670,70297	10,99062	4001	3,60216,85514	10,85329
3902	3,59128,72651	11,12862	3952	3,59681,69359	10,98784	4002	3,60227,70843	10,85058
3903	3,59139,85513	11,12577	3953	3,59692,68143	10,98507	4003	3,60238,55901	10,84787
3904	3,59150,98090	11,12292	3954	3,59703,66650	10,98228	4004	3,60249,40688	10,84516
3905	3,59162,10382	11,12008	3955	3,59714,64878	10,97951	4005	3,60260,25204	10,84246
3906	3,59173,22390	11,11722	3956	3,59725,62829	10,97674	4006	3,60271,09450	10,83974
3907	3,59184,34112	11,11438	3957	3,59736,60503	10,97396	4007	3,60281,93424	10,83705
3908	3,59195,45550	11,11154	3958	3,59747,57899	10,97119	4008	3,60292,77129	10,83434
3909	3,59206,56704	11,10870	3959	3,59758,55018	10,96841	4009	3,60303,60563	10,83163
3910	3,59217,67574	11,10586	3960	3,59769,51859	10,96565	4010	3,60314,43726	10,82894
3911	3,59228,78160	11,10301	3961	3,59780,48424	10,96288	4011	3,60325,26620	10,82623
3912	3,59239,88461	11,10018	3962	3,59791,44712	10,96011	4012	3,60336,09243	10,82354
3913	3,59250,98479	11,09734	3963	3,59802,40723	10,95735	4013	3,60346,91597	10,82085
3914	3,59262,08213	11,09451	3964	3,59813,36458	10,95459	4014	3,60357,73682	10,81814
3915	3,59273,17664	11,09167	3965	3,59824,31917	10,95182	4015	3,60368,55496	10,81545
3916	3,59284,26831	11,08884	3966	3,59835,27099	10,94906	4016	3,60379,37041	10,81276
3917	3,59295,35715	11,08602	3967	3,59846,22005	10,94630	4017	3,60390,18317	10,81007
3918	3,59306,44317	11,08318	3968	3,59857,16635	10,94354	4018	3,60400,99324	10,80738
3919	3,59317,52635	11,08035	3969	3,59868,10989	10,94079	4019	3,60411,80062	10,80469
3920	3,59328,60670	11,07753	3970	3,59879,05068	10,93803	4020	3,60422,60531	10,80200
3921	3,59339,68423	11,07470	3971	3,59889,98871	10,93527	4021	3,60433,40731	10,79932
3922	3,59350,75893	11,07188	3972	3,59900,92398	10,93253	4022	3,60444,20663	10,79663
3923	3,59361,83081	11,06906	3973	3,59911,85651	10,92977	4023	3,60455,00326	10,79394
3924	3,59372,89987	11,06624	3974	3,59922,78628	10,92702	4024	3,60465,79720	10,79127
3925	3,59383,96611	11,06342	3975	3,59933,71330	10,92427	4025	3,60476,58847	10,78859
3926	3,59395,02953	11,06060	3976	3,59944,63757	10,92153	4026	3,60487,37706	10,78590
3927	3,59406,09013	11,05778	3977	3,59955,55910	10,91878	4027	3,60498,16296	10,78323
3928	3,59417,14791	11,05497	3978	3,59966,47788	10,91603	4028	3,60508,94619	10,78055
3929	3,59428,20288	11,05216	3979	3,59977,39391	10,91330	4029	3,60519,72674	10,77787
3930	3,59439,25504	11,04934	3980	3,59988,30721	10,91055	4030	3,60530,50461	10,77521
3931	3,59450,30438	11,04654	3981	3,59999,21776	10,90781	4031	3,60541,27982	10,77252
3932	3,59461,35092	11,04372	3982	3,60010,12557	10,90507	4032	3,60552,05234	10,76986
3933	3,59472,39464	11,04092	3983	3,60021,03064	10,90234	4033	3,60562,82220	10,76719
3934	3,59483,43556	11,03811	3984	3,60031,93298	10,89959	4034	3,60573,58939	10,76452
3935	3,59494,47367	11,03531	3985	3,60042,83257	10,89687	4035	3,60584,35391	10,76185
3936	3,59505,50898	11,03250	3986	3,60053,72944	10,89413	4036	3,60595,11576	10,75918
3937	3,59516,54148	11,02970	3987	3,60064,62357	10,89139	4037	3,60605,87494	10,75652
3938	3,59527,57118	11,02690	3988	3,60075,51496	10,88867	4038	3,60616,63146	10,75386
3939	3,59538,59808	11,02410	3989	3,60086,40363	10,88594	4039	3,60627,38532	10,75119
3940	3,59549,62218	11,02131	3990	3,60097,28957	10,88321	4040	3,60638,13651	10,74853
3941	3,59560,64349	11,01850	3991	3,60108,17278	10,88048	4041	3,60648,88504	10,74588
3942	3,59571,66199	11,01572	3992	3,60119,05326	10,87776	4042	3,60659,63092	10,74321
3943	3,59582,67771	11,01292	3993	3,60129,93102	10,87503	4043	3,60670,37413	10,74056
3944	3,59593,69063	11,01012	3994	3,60140,80605	10,87232	4044	3,60681,11469	10,73790
3945	3,59604,70075	11,00734	3995	3,60151,67837	10,86959	4045	3,60691,85259	10,73525
3946	3,59615,70809	11,00455	3996	3,60162,54796	10,86687	4046	3,60702,58784	10,73260
3947	3,59626,71264	11,00176	3997	3,60173,41483	10,86415	4047	3,60713,32044	10,72994
3948	3,59637,71440	10,99897	3998	3,60184,27898	10,86143	4048	3,60724,05038	10,72730
3949	3,59648,71337	10,99619	3999	3,60195,14041	10,85872	4049	3,60734,77768	10,72464
3950	3,59659,70956	10,99341	4000	3,60205,99913	10,85601	4050	3,60745,50232	10,72200

Num.	Logarithmi	Differ.
4051	3,60756,22432	10,71935
4052	3,60766,94367	10,71670
4053	3,60777,66037	10,71407
4054	3,60788,37444	10,71141
4055	3,60799,08585	10,70878
4056	3,60809,79463	10,70614
4057	3,60820,50077	10,70350
4058	3,60831,20427	10,70086
4059	3,60841,90513	10,69823
4060	3,60852,60336	10,69559
4061	3,60863,29895	10,69296
4062	3,60873,99191	10,69032
4063	3,60884,68223	10,68770
4064	3,60895,36993	10,68506
4065	3,60906,05499	10,68244
4066	3,60916,73743	10,67981
4067	3,60927,41724	10,67719
4068	3,60938,09443	10,67456
4069	3,60948,76899	10,67193
4070	3,60959,44092	10,66932
4071	3,60970,11024	10,66669
4072	3,60980,77693	10,66408
4073	3,60991,44101	10,66146
4074	3,61002,10247	10,65884
4075	3,61012,76131	10,65622
4076	3,61023,41753	10,65362
4077	3,61034,07115	10,65099
4078	3,61044,72214	10,64839
4079	3,61055,37053	10,64578
4080	3,61066,01631	10,64317
4081	3,61076,65948	10,64056
4082	3,61087,30004	10,63795
4083	3,61097,93799	10,63535
4084	3,61108,57334	10,63275
4085	3,61119,20609	10,63014
4086	3,61129,83623	10,62754
4087	3,61140,46377	10,62494
4088	3,61151,08871	10,62235
4089	3,61161,71106	10,61974
4090	3,61172,33080	10,61715
4091	3,61182,94795	10,61455
4092	3,61193,56250	10,61196
4093	3,61204,17446	10,60937
4094	3,61214,78383	10,60678
4095	3,61225,39061	10,60419
4096	3,61235,99480	10,60160
4097	3,61246,59640	10,59901
4098	3,61257,19541	10,59642
4099	3,61267,79183	10,59384
4100	3,61278,38567	10,59126

Num.	Logarithmi	Differ.
4101	3,61288,97693	10,58867
4102	3,61299,56560	10,58610
4103	3,61310,15170	10,58351
4104	3,61320,73521	10,58094
4105	3,61331,31615	10,57835
4106	3,61341,89450	10,57579
4107	3,61352,47029	10,57320
4108	3,61363,04349	10,57064
4109	3,61373,61413	10,56806
4110	3,61384,18219	10,56549
4111	3,61394,74768	10,56292
4112	3,61405,31060	10,56035
4113	3,61415,87095	10,55779
4114	3,61426,42874	10,55521
4115	3,61436,98395	10,55266
4116	3,61447,53661	10,55009
4117	3,61458,08670	10,54753
4118	3,61468,63423	10,54497
4119	3,61479,17920	10,54240
4120	3,61489,72160	10,53985
4121	3,61500,26145	10,53729
4122	3,61510,79874	10,53474
4123	3,61521,33348	10,53218
4124	3,61531,86566	10,52963
4125	3,61542,39529	10,52707
4126	3,61552,92236	10,52453
4127	3,61563,44689	10,52197
4128	3,61573,96886	10,51943
4129	3,61584,48829	10,51688
4130	3,61595,00517	10,51433
4131	3,61605,51950	10,51178
4132	3,61616,03128	10,50925
4133	3,61626,54053	10,50670
4134	3,61637,04723	10,50416
4135	3,61647,55139	10,50162
4136	3,61658,05301	10,49908
4137	3,61668,55209	10,49654
4138	3,61679,04863	10,49401
4139	3,61689,54264	10,49147
4140	3,61700,03411	10,48894
4141	3,61710,52305	10,48641
4142	3,61721,00946	10,48387
4143	3,61731,49333	10,48134
4144	3,61741,97467	10,47882
4145	3,61752,45349	10,47629
4146	3,61762,92978	10,47376
4147	3,61773,40354	10,47123
4148	3,61783,87477	10,46871
4149	3,61794,34348	10,46619
4150	3,61804,80967	10,46367

Num.	Logarithmi	Differ.
4151	3,61815,27334	10,46114
4152	3,61825,73448	10,45863
4153	3,61836,19311	10,45611
4154	3,61846,64922	10,45359
4155	3,61857,10281	10,45108
4156	3,61867,55389	10,44856
4157	3,61878,00245	10,44605
4158	3,61888,44850	10,44354
4159	3,61898,89204	10,44102
4160	3,61909,33306	10,43852
4161	3,61919,77158	10,43601
4162	3,61930,20759	10,43350
4163	3,61940,64109	10,43099
4164	3,61951,07208	10,42849
4165	3,61961,50057	10,42599
4166	3,61971,92656	10,42349
4167	3,61982,35005	10,42098
4168	3,61992,77103	10,41848
4169	3,62003,18951	10,41599
4170	3,62013,60550	10,41348
4171	3,62024,01898	10,41100
4172	3,62034,42998	10,40849
4173	3,62044,83847	10,40600
4174	3,62055,24447	10,40351
4175	3,62065,64798	10,40102
4176	3,62076,04900	10,39853
4177	3,62086,44753	10,39603
4178	3,62096,84356	10,39355
4179	3,62107,23711	10,39107
4180	3,62117,62818	10,38858
4181	3,62128,01676	10,38609
4182	3,62138,40285	10,38361
4183	3,62148,78646	10,38113
4184	3,62159,16759	10,37864
4185	3,62169,54623	10,37617
4186	3,62179,92240	10,37369
4187	3,62190,29609	10,37121
4188	3,62200,66730	10,36874
4189	3,62211,03604	10,36626
4190	3,62221,40230	10,36378
4191	3,62231,76608	10,36132
4192	3,62242,12740	10,35884
4193	3,62252,48624	10,35637
4194	3,62262,84261	10,35391
4195	3,62273,19652	10,35143
4196	3,62283,54795	10,34897
4197	3,62293,89692	10,34650
4198	3,62304,24342	10,34404
4199	3,62314,58746	10,34158
4200	3,62324,92904	10,33911

Num.	Logarithmi	Differ.
4201	3,62335,26815	10,33666
4202	3,62345,60481	10,33419
4203	3,62355,93900	10,33174
4204	3,62366,27074	10,32927
4205	3,62376,60001	10,32683
4206	3,62386,92684	10,32436
4207	3,62397,25120	10,32191
4208	3,62407,57311	10,31946
4209	3,62417,89257	10,31701
4210	3,62428,20958	10,31456
4211	3,62438,52414	10,31211
4212	3,62448,83625	10,30966
4213	3,62459,14591	10,30722
4214	3,62469,45313	10,30477
4215	3,62479,75790	10,30232
4216	3,62490,06022	10,29988
4217	3,62500,36010	10,29744
4218	3,62510,65754	10,29500
4219	3,62520,95254	10,29256
4220	3,62531,24510	10,29012
4221	3,62541,53522	10,28768
4222	3,62551,82290	10,28524
4223	3,62562,10814	10,28281
4224	3,62572,39095	10,28038
4225	3,62582,67133	10,27794
4226	3,62592,94927	10,27551
4227	3,62603,22478	10,27308
4228	3,62613,49786	10,27065
4229	3,62623,76851	10,26823
4230	3,62634,03674	10,26579
4231	3,62644,30253	10,26337
4232	3,62654,56590	10,26095
4233	3,62664,82685	10,25852
4234	3,62675,08537	10,25610
4235	3,62685,34147	10,25367
4236	3,62695,59514	10,25126
4237	3,62705,84640	10,24884
4238	3,62716,09524	10,24642
4239	3,62726,34166	10,24400
4240	3,62736,58566	10,24159
4241	3,62746,82725	10,23917
4242	3,62757,06642	10,23676
4243	3,62767,30318	10,23434
4244	3,62777,53752	10,23194
4245	3,62787,76946	10,22952
4246	3,62797,99898	10,22712
4247	3,62808,22610	10,22471
4248	3,62818,45081	10,22230
4249	3,62828,67311	10,21990
4250	3,62838,89301	10,21749

Num.	Logarithmi	Differ.
4251	3,62849,11050	10,21509
4252	3,62859,32559	10,21268
4253	3,62869,53827	10,21029
4254	3,62879,74856	10,20788
4255	3,62889,95644	10,20549
4256	3,62900,16193	10,20309
4257	3,62910,36502	10,20069
4258	3,62920,56571	10,19830
4259	3,62930,76401	10,19590
4260	3,62940,95991	10,19351
4261	3,62951,15342	10,19112
4262	3,62961,34454	10,18872
4263	3,62971,53326	10,18634
4264	3,62981,71960	10,18395
4265	3,62991,90355	10,18156
4266	3,63002,08511	10,17918
4267	3,63012,26429	10,17679
4268	3,63022,44108	10,17440
4269	3,63032,61548	10,17202
4270	3,63042,78750	10,16964
4271	3,63052,95714	10,16726
4272	3,63063,12440	10,16488
4273	3,63073,28928	10,16250
4274	3,63083,45178	10,16013
4275	3,63093,61191	10,15774
4276	3,63103,76965	10,15538
4277	3,63113,92503	10,15299
4278	3,63124,07802	10,15063
4279	3,63134,22865	10,24825
4280	3,63144,37690	10,14588
4281	3,63154,52278	10,14352
4282	3,63164,66630	10,14114
4283	3,63174,80744	10,13878
4284	3,63184,94622	10,13641
4285	3,63195,08263	10,13404
4286	3,63205,21667	10,13168
4287	3,63215,34835	10,12932
4288	3,63225,47767	10,12695
4289	3,63235,60462	10,12460
4290	3,63245,72922	10,12223
4291	3,63255,85145	10,11988
4292	3,63265,97133	10,11752
4293	3,63276,08885	10,11516
4294	3,63286,20401	10,11281
4295	3,63296,31682	10,11045
4296	3,63306,42727	10,10810
4297	3,63316,53537	10,10575
4298	3,63326,64112	10,10339
4299	3,63336,74451	10,10105
4300	3,63346,84556	10,09870

Num.	Logarithmi	Differ.
4301	3,63356,94426	10,09635
4302	3,63367,04061	10,09400
4303	3,63377,13461	10,09166
4304	3,63387,22627	10,08931
4305	3,63397,31558	10,08697
4306	3,63407,40255	10,08463
4307	3,63417,48718	10,08228
4308	3,63427,56946	10,07995
4309	3,63437,64941	10,07761
4310	3,63447,72702	10,07527
4311	3,63457,80229	10,07293
4312	3,63467,87522	10,07059
4313	3,63477,94581	10,06827
4314	3,63488,01408	10,06593
4315	3,63498,08001	10,06359
4316	3,63508,14360	10,06127
4317	3,63518,20487	10,05893
4318	3,63528,26380	10,05660
4319	3,63538,32040	10,05428
4320	3,63548,37468	10,05195
4321	3,63558,42663	10,04962
4322	3,63568,47625	10,04730
4323	3,63578,52355	10,04498
4324	3,63588,56853	10,04265
4325	3,63598,61118	10,04033
4326	3,63608,65151	10,03801
4327	3,63618,68952	10,03569
4328	3,63628,72521	10,03337
4329	3,63638,75858	10,03106
4330	3,63648,78964	10,02873
4331	3,63658,81837	10,02643
4332	3,63668,84480	10,02410
4333	3,63678,86890	10,02180
4334	3,63688,89070	10,01948
4335	3,63698,91018	10,01717
4336	3,63708,92735	10,01486
4337	3,63718,94221	10,01256
4338	3,63728,95477	10,01024
4339	3,63738,96501	10,00794
4340	3,63748,97295	10,00563
4341	3,63758,97858	10,00333
4342	3,63768,98191	10,00103
4343	3,63778,98294	9,99872
4344	3,63788,98166	9,99642
4345	3,63798,97808	9,99412
4346	3,63808,97220	9,99182
4347	3,63818,96402	9,98952
4348	3,63828,95354	9,98723
4349	3,63838,94077	9,98493
4350	3,63848,92570	9,98263

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Num.	Logarithmi	Differ.
4351	3,63858,90833	9,98034
4352	3,63868,88867	9,97805
4353	3,63878,86672	9,97575
4354	3,63888,84247	9,97346
4355	3,63898,81593	9,97118
4356	3,63908,78711	9,96888
4357	3,63918,75599	9,96660
4358	3,63928,72259	9,96431
4359	3,63938,68690	9,96203
4360	3,63948,64893	9,95974
4361	3,63958,60867	9,95745
4362	3,63968,56612	9,95518
4363	3,63978,52130	9,95289
4364	3,63988,47419	9,95061
4365	3,63998,42480	9,94834
4366	3,64008,37314	9,94605
4367	3,64018,31919	9,94378
4368	3,64028,26297	9,94150
4369	3,64038,20447	9,93923
4370	3,64048,14370	9,93695
4371	3,64058,08065	9,93468
4372	3,64068,01533	9,93240
4373	3,64077,94773	9,93014
4374	3,64087,87787	9,92787
4375	3,64097,80574	9,92559
4376	3,64107,73133	9,92333
4377	3,64117,65466	9,92106
4378	3,64127,57572	9,91880
4379	3,64137,49452	9,91653
4380	3,64147,41105	9,91427
4381	3,64157,32532	9,91200
4382	3,64167,23732	9,90975
4383	3,64177,14707	9,90748
4384	3,64187,05455	9,90522
4385	3,64196,95977	9,90296
4386	3,64206,86273	9,90071
4387	3,64216,76344	9,89845
4388	3,64226,66189	9,89619
4389	3,64236,55808	9,89394
4390	3,64246,45202	9,89169
4391	3,64256,34371	9,88943
4392	3,64266,23314	9,88719
4393	3,64276,12033	9,88493
4394	3,64286,00526	9,88268
4395	3,64295,88794	9,88044
4396	3,64305,76838	9,87818
4397	3,64315,64656	9,87594
4398	3,64325,52250	9,87370
4399	3,64335,39620	9,87145
4400	3,64345,26765	9,86921

Num.	Logarithmi	Differ.
4401	3,64355,13686	9,86696
4402	3,64365,00382	9,86473
4403	3,64374,86855	9,86248
4404	3,64384,73103	9,86024
4405	3,64394,59127	9,85801
4406	3,64404,44928	9,85577
4407	3,64414,30505	9,85353
4408	3,64424,15858	9,85130
4409	3,64434,00988	9,84907
4410	3,64443,85895	9,84683
4411	3,64453,70578	9,84460
4412	3,64463,55038	9,84236
4413	3,64473,39274	9,84014
4414	3,64483,23288	9,83791
4415	3,64493,07079	9,83568
4416	3,64502,90647	9,83346
4417	3,64512,73993	9,83122
4418	3,64522,57115	9,82901
4419	3,64532,40016	9,82677
4420	3,64542,22693	9,82456
4421	3,64552,05149	9,82233
4422	3,64561,87382	9,82012
4423	3,64571,69394	9,81789
4424	3,64581,51183	9,81567
4425	3,64591,32750	9,81346
4426	3,64601,14096	9,81124
4427	3,64610,95220	9,80902
4428	3,64620,76122	9,80681
4429	3,64630,56803	9,80459
4430	3,64640,37262	9,80238
4431	3,64650,17500	9,80017
4432	3,64659,97517	9,79796
4433	3,64669,77313	9,79575
4434	3,64679,56888	9,79354
4435	3,64689,36242	9,79133
4436	3,64699,15375	9,78912
4437	3,64708,94287	9,78692
4438	3,64718,72979	9,78471
4439	3,64728,51450	9,78251
4440	3,64738,29701	9,78031
4441	3,64748,07732	9,77810
4442	3,64757,85542	9,77590
4443	3,64767,63132	9,77371
4444	3,64777,40503	9,77150
4445	3,64787,17653	9,76931
4446	3,64796,94584	9,76710
4447	3,64806,71294	9,76492
4448	3,64816,47786	9,76271
4449	3,64826,24057	9,76053
4450	3,64836,00110	9,75833

Num.	Logarithmi	Differ.
4451	3,64845,75943	9,75614
4452	3,64855,51557	9,75394
4453	3,64865,26951	9,75176
4454	3,64875,02127	9,74957
4455	3,64884,77084	9,74738
4456	3,64894,51822	9,74519
4457	3,64904,26341	9,74300
4458	3,64914,00641	9,74082
4459	3,64923,74723	9,73864
4460	3,64933,48587	9,73645
4461	3,64943,22232	9,73428
4462	3,64952,95660	9,73208
4463	3,64962,68868	9,72991
4464	3,64972,41859	9,72773
4465	3,64982,14632	9,72555
4466	3,64991,87187	9,72338
4467	3,65001,59525	9,72119
4468	3,65011,31644	9,71903
4469	3,65021,03547	9,71684
4470	3,65030,75231	9,71468
4471	3,65040,46699	9,71250
4472	3,65050,17949	9,71033
4473	3,65059,88982	9,70816
4474	3,65069,59798	9,70599
4475	3,65079,30397	9,70382
4476	3,65089,00779	9,70165
4477	3,65098,70944	9,69948
4478	3,65108,40892	9,69732
4479	3,65118,10624	9,69516
4480	3,65127,80140	9,69299
4481	3,65137,49439	9,69083
4482	3,65147,18522	9,68867
4483	3,65156,87389	9,68650
4484	3,65166,56039	9,68435
4485	3,65176,24474	9,68218
4486	3,65185,92692	9,68003
4487	3,65195,60695	9,67787
4488	3,65205,28482	9,67572
4489	3,65214,96054	9,67356
4490	3,65224,63410	9,67141
4491	3,65234,30551	9,66925
4492	3,65243,97476	9,66710
4493	3,65253,64186	9,66495
4494	3,65263,30681	9,66280
4495	3,65272,96961	9,66065
4496	3,65282,63026	9,65850
4497	3,65292,28876	9,65635
4498	3,65301,94511	9,65421
4499	3,65311,59932	9,65206
4500	3,65321,25138	9,64991

Num.	Logarithmi	Differ.
3601	3,55642,31214	12,05871
3602	3,55654,37085	12,05536
3603	3,55666,42621	12,05202
3604	3,55678,47823	12,04868
3605	3,55690,52691	12,04533
3606	3,55702,57224	12,04199
3607	3,55714,61423	12,03866
3608	3,55726,65289	12,03532
3609	3,55738,68821	12,03198
3610	3,55750,72019	12,02865
3611	3,55762,74884	12,02532
3612	3,55774,77416	12,02200
3613	3,55786,79616	12,01866
3614	3,55798,81482	12,01534
3615	3,55810,83016	12,01202
3616	3,55822,84218	12,00870
3617	3,55834,85088	12,00537
3618	3,55846,85625	12,00206
3619	3,55858,85831	11,99874
3620	3,55870,85705	11,99543
3621	3,55882,85248	11,99212
3622	3,55894,84460	11,98880
3623	3,55906,83340	11,98550
3624	3,55918,81890	11,98219
3625	3,55930,80109	11,97889
3626	3,55942,77998	11,97558
3627	3,55954,75556	11,97228
3628	3,55966,72784	11,96898
3629	3,55978,69682	11,96568
3630	3,55990,66250	11,96239
3631	3,56002,62489	11,95909
3632	3,56014,58398	11,95581
3633	3,56026,53979	11,95251
3634	3,56038,49230	11,94922
3635	3,56050,44152	11,94593
3636	3,56062,38745	11,94266
3637	3,56074,33011	11,93936
3638	3,56086,26947	11,93609
3639	3,56098,20556	11,93280
3640	3,56110,13836	11,92953
3641	3,56122,06789	11,92626
3642	3,56133,99415	11,92297
3643	3,56145,91712	11,91971
3644	3,56157,83683	11,91644
3645	3,56169,75327	11,91316
3646	3,56181,66643	11,90990
3647	3,56193,57633	11,90664
3648	3,56205,48297	11,90337
3649	3,56217,38634	11,90011
3650	3,56229,28645	11,89684
3651	3,56241,18329	11,89360
3652	3,56253,07689	11,89033
3653	3,56264,96722	11,88708
3654	3,56276,85430	11,88383
3655	3,56288,73813	11,88058
3656	3,56300,61871	11,87732
3657	3,56312,49603	11,87408
3658	3,56324,37011	11,87084
3659	3,56336,24095	11,86759
3660	3,56348,10854	11,86435
3661	3,56359,97289	11,86111
3662	3,56371,83400	11,85787
3663	3,56383,69187	11,85463
3664	3,56395,54650	11,85140
3665	3,56407,39790	11,84816
3666	3,56419,24606	11,84494
3667	3,56431,09100	11,84170
3668	3,56442,93270	11,83848
3669	3,56454,77118	11,83525
3670	3,56466,60643	11,83202
3671	3,56478,43845	11,82880
3672	3,56490,26725	11,82558
3673	3,56502,09283	11,82237
3674	3,56513,91520	11,81914
3675	3,56525,73434	11,81593
3676	3,56537,55027	11,81272
3677	3,56549,36299	11,80950
3678	3,56561,17249	11,80629
3679	3,56572,97878	11,80309
3680	3,56584,78187	11,79987
3681	3,56596,58174	11,79668
3682	3,56608,37842	11,79347
3683	3,56620,17189	11,79026
3684	3,56631,96215	11,78707
3685	3,56643,74922	11,78387
3686	3,56655,53309	11,78067
3687	3,56667,31376	11,77748
3688	3,56679,09124	11,77428
3689	3,56690,86552	11,77110
3690	3,56702,63662	11,76790
3691	3,56714,40452	11,76472
3692	3,56726,16924	11,76153
3693	3,56737,93077	11,75834
3694	3,56749,68911	11,75516
3695	3,56761,44427	11,75198
3696	3,56773,19625	11,74881
3697	3,56784,94506	11,74562
3698	3,56796,69068	11,74245
3699	3,56808,43313	11,73928
3700	3,56820,17241	11,73610
3701	3,56831,90851	11,73293
3702	3,56843,64144	11,72976
3703	3,56855,37120	11,72660
3704	3,56867,09780	11,72343
3705	3,56878,82123	11,72027
3706	3,56890,54150	11,71710
3707	3,56902,25860	11,71395
3708	3,56913,97255	11,71078
3709	3,56925,68333	11,70763
3710	3,56937,39096	11,70447
3711	3,56949,09543	11,70132
3712	3,56960,79675	11,69817
3713	3,56972,49492	11,69502
3714	3,56984,18994	11,69187
3715	3,56995,88181	11,68872
3716	3,57007,57053	11,68558
3717	3,57019,25611	11,68243
3718	3,57030,93854	11,67930
3719	3,57042,61784	11,67615
3720	3,57054,29399	11,67301
3721	3,57065,96700	11,66988
3722	3,57077,63688	11,66674
3723	3,57089,30362	11,66361
3724	3,57100,96723	11,66048
3725	3,57112,62771	11,65735
3726	3,57124,28506	11,65422
3727	3,57135,93928	11,65109
3728	3,57147,59037	11,64797
3729	3,57159,23834	11,64484
3730	3,57170,88318	11,64172
3731	3,57182,52490	11,63861
3732	3,57194,16351	11,63548
3733	3,57205,79899	11,63237
3734	3,57217,43136	11,62926
3735	3,57229,06062	11,62614
3736	3,57240,68676	11,62302
3737	3,57252,30978	11,61992
3738	3,57263,92970	11,61682
3739	3,57275,54652	11,61370
3740	3,57287,16022	11,61060
3741	3,57298,77082	11,60750
3742	3,57310,37832	11,60439
3743	3,57321,98271	11,60130
3744	3,57333,58401	11,59819
3745	3,57345,18220	11,59510
3746	3,57356,77730	11,59201
3747	3,57368,36931	11,58891
3748	3,57379,95822	11,58582
3749	3,57391,54404	11,58273
3750	3,57403,12677	11,59765

Num.	Logarithmi	Differ.
3751	3,57414,70642	11,57655
3752	3,57426,28297	11,57347
3753	3,57437,85644	11,57039
3754	3,57449,42683	11,56730
3755	3,57460,99413	11,56423
3756	3,57472,55836	11,56115
3757	3,57484,11951	11,55807
3758	3,57495,67758	11,55499
3759	3,57507,23257	11,55193
3760	3,57518,78450	11,54884
3761	3,57530,33334	11,54578
3762	3,57541,87912	11,54271
3763	3,57553,42183	11,53965
3764	3,57564,96148	11,53657
3765	3,57576,49805	11,53352
3766	3,57588,03157	11,53045
3767	3,57599,56202	11,52739
3768	3,57611,08941	11,52433
3769	3,57622,61374	11,52128
3770	3,57634,13502	11,51822
3771	3,57645,65324	11,51517
3772	3,57657,16841	11,51211
3773	3,57668,68052	11,50906
3774	3,57680,18958	11,50662
3775	3,57691,69560	11,50296
3776	3,57703,19856	11,49992
3777	3,57714,69848	11,49688
3778	3,57726,19536	11,49383
3779	3,57737,68919	11,49079
3780	3,57749,17998	11,48776
3781	3,57760,66774	11,48471
3782	3,57772,15245	11,48168
3783	3,57783,63413	11,47864
3784	3,57795,11277	11,47561
3785	3,57806,58838	11,47258
3786	3,57818,06096	11,46955
3787	3,57829,53051	11,46652
3788	3,57840,99703	11,46350
3789	3,57852,46053	11,46047
3790	3,57863,92100	11,45744
3791	3,57875,37844	11,45443
3792	3,57886,83287	11,45140
3793	3,57898,28427	11,44839
3794	3,57909,73266	11,44536
3795	3,57921,17802	11,44236
3796	3,57932,62038	11,43933
3797	3,57944,05971	11,43633
3798	3,57955,49604	11,43332
3799	3,57966,92936	11,43030
3800	3,57978,35966	11,42730

Num.	Logarithmi	Differ.
3801	3,57989,78696	11,42429
3802	3,58001,21125	11,42129
3803	3,58012,63254	11,41829
3804	3,58024,05083	11,41528
3805	3,58035,46611	11,41229
3806	3,58046,87840	11,40928
3807	3,58058,28768	11,40629
3808	3,58069,69397	11,40330
3809	3,58081,09727	11,40030
3810	3,58092,49757	11,39731
3811	3,58103,89488	11,39432
3812	3,58115,28920	11,39133
3813	3,58126,68053	11,38834
3814	3,58138,06887	11,38536
3815	3,58149,45423	11,38237
3816	3,58160,83660	11,37939
3817	3,58172,21599	11,37642
3818	3,58183,59241	11,37343
3819	3,58194,96584	11,37045
3820	3,58206,33629	11,36748
3821	3,58217,70377	11,36450
3822	3,58229,06827	11,36153
3823	3,58240,42980	11,35856
3824	3,58251,78836	11,35559
3825	3,58263,14395	11,35262
3826	3,58274,49657	11,34965
3827	3,58285,84622	11,34669
3828	3,58297,19291	11,34372
3829	3,58308,53663	11,34077
3830	3,58319,87740	11,33780
3831	3,58331,21520	11,33484
3832	3,58342,55004	11,33189
3833	3,58353,88193	11,32892
3834	3,58365,21085	11,32598
3835	3,58376,53683	11,32302
3836	3,58387,85985	11,32007
3837	3,58399,17992	11,31712
3838	3,58410,49704	11,31417
3839	3,58421,81121	11,31123
3840	3,58433,12244	11,30828
3841	3,58444,43072	11,30533
3842	3,58455,73605	11,30240
3843	3,58467,03845	11,29945
3844	3,58478,33790	11,29651
3845	3,58489,63441	11,29358
3846	3,58500,92799	11,29064
3847	3,58512,21863	11,28771
3848	3,58523,50634	11,28477
3849	3,58534,79111	11,28184
3850	3,58546,07295	11,27891

Num.	Logarithmi	Differ.
3851	3,58557,35186	11,27599
3852	3,58568,62785	11,27305
3853	3,58579,90090	11,27013
3854	3,58591,17103	11,26721
3855	3,58602,43824	11,26428
3856	3,58613,70252	11,26137
3857	3,58624,96389	11,25844
3858	3,58636,22233	11,25553
3859	3,58647,47786	11,25261
3860	3,58658,73047	11,24969
3861	3,58669,98016	11,24678
3862	3,58681,22694	11,24387
3863	3,58692,47081	11,24096
3864	3,58703,71177	11,23806
3865	3,58714,94983	11,23514
3866	3,58726,18497	11,23224
3867	3,58737,41721	11,22933
3868	3,58748,64654	11,22643
3869	3,58759,87297	11,22353
3870	3,58771,09650	11,22063
3871	3,58782,31713	11,21773
3872	3,58793,53486	11,21484
3873	3,58804,74970	11,21194
3874	3,58815,96164	11,20904
3875	3,58827,17068	11,20616
3876	3,58838,37684	11,20326
3877	3,58849,58010	11,20037
3878	3,58860,78047	11,19749
3879	3,58871,97796	11,19460
3880	3,58883,17256	11,19171
3881	3,58894,36427	11,18884
3882	3,58905,55311	11,18594
3883	3,58916,73905	11,18307
3884	3,58927,92212	11,18019
3885	3,58939,10231	11,17732
3886	3,58950,27963	11,17443
3887	3,58961,45406	11,17157
3888	3,58972,62563	11,16868
3889	3,58983,79431	11,16582
3890	3,58994,96013	11,16295
3891	3,59006,12308	11,16008
3892	3,59017,28316	11,15721
3893	3,59028,44037	11,15435
3894	3,59039,59472	11,15148
3895	3,59050,74620	11,14862
3896	3,59061,89482	11,14576
3897	3,59073,04058	11,14290
3898	3,59084,18348	11,14004
3899	3,59095,32352	11,13718
3900	3,59106,46070	11,13433

Chilias 5.

Num.	Logarithmi	Differ.
4801	3,68133,17060	9,94497
4802	3,68142,21557	9,04309
4903	3,68151,25866	9,04121
4804	3,68160,29987	9,03933
4805	3,68169,33920	9,03745
4806	3,68178,37665	9,03556
4807	3,68187,41221	9,03369
4808	3,68196,44590	9,03181
4809	3,68205,47771	9,02993
4810	3,68214,50764	9,02805
4811	3,68223,53569	9,02618
4812	3,68232,56187	9,02430
4813	3,68241,58617	9,02242
4814	3,68250,60859	9,02056
4815	3,68259,62915	9,01867
4816	3,68268,64782	9,01681
4817	3,68277,66463	9,01494
4818	3,68286,67957	9,01306
4819	3,68295,69263	9,01119
4820	3,68304,70382	9,00933
4821	3,68313,71315	9,00745
4822	3,68322,72060	9,00559
4823	3,68331,72619	9,00372
4824	3,68340,72991	9,00186
4825	3,68349,73177	8,99999
4826	3,68358,73176	8,99812
4827	3,68367,72988	8,99626
4828	3,68376,72614	8,99440
4829	3,68385,72054	8,99254
4830	3,68394,71308	8,99067
4831	3,68403,70375	8,98881
4832	3,68412,69256	8,98695
4833	3,68421,67951	8,98510
4834	3,68430,66461	8,98323
4835	3,68439,64784	8,98138
4836	3,68448,62922	8,97952
4837	3,68457,60874	8,97766
4838	3,68466,58640	8,97581
4839	3,68475,56221	8,97395
4840	3,68484,53616	8,97210
4841	3,68493,50826	8,97025
4842	3,68502,47851	8,96839
4843	3,68511,44690	8,96655
4844	3,68520,41345	8,96469
4845	3,68529,37814	8,96284
4846	3,68538,34098	8,96099
4847	3,68547,30197	8,95915
4848	3,68556,26112	8,95729
4849	3,68565,21841	8,95545
4850	3,68574,17386	8,95360

Chilias 5.

Num	Logarithmi	Differ.
4851	3,68583,12746	8,95176
4852	3,68592,07922	8,94991
4853	3,68601,02913	8,94807
4854	3,68609,97720	8,94622
4855	3,68618,92342	8,94439
4856	3,68627,86781	8,94254
4857	3,68636,81035	8,94070
4858	3,68645,75105	8,93886
4859	3,68654,68991	8,93702
4860	3,68663,62693	8,93518
4861	3,68672,56211	8,93334
4862	3,68681,49545	8,93151
4863	3,68690,42696	8,92967
4864	3,68699,35663	8,92783
4865	3,68708,28446	8,92600
4866	3,68717,21046	8,92416
4867	3,68726,13462	8,92234
4868	3,68735,05696	8,92049
4869	3,68743,97745	8,91867
4870	3,68752,89612	8,91684
4871	3,68761,81296	8,91500
4872	3,68770,72796	8,91318
4873	3,68779,64114	8,91134
4874	3,68788,55248	8,90952
4875	3,68797,46200	8,90769
4876	3,68806,36969	8,90587
4877	3,68815,27556	8,90404
4878	3,68824,17960	8,90221
4879	3,68833,08181	8,90039
4880	3,68841,98220	8,89857
4881	3,68850,88077	8,89674
4882	3,68859,77751	8,89492
4883	3,68868,67243	8,89310
4884	3,68877,56553	8,89128
4885	3,68886,45681	8,88945
4886	3,68895,34626	8,88764
4887	3,68904,23390	8,88582
4888	3,68913,11972	8,88401
4889	3,68922,00373	8,88218
4890	3,68930,88591	8,88037
4891	3,68939,76628	8,87856
4892	3,68948,64484	8,87674
4893	3,68957,52158	8,87492
4894	3,68966,39650	8,87311
4895	3,68975,26961	8,87130
4896	3,68984,14091	8,86949
4897	3,68993,01040	8,86768
4898	3,69001,87808	8,86587
4899	3,69010,74395	8,86405
4900	3,69019,60800	8,86225

Chilias 5.

Num.	Logarithmi	Differ.
4901	3,69028,47025	8,86044
4902	3,69037,33069	8,85863
4903	3,69046,18932	8,85683
4904	3,69055,04615	8,85502
4905	3,69063,90117	8,85322
4906	3,69072,95439	8,85141
4907	3,69081,60580	8,84961
4908	3,69090,45541	8,84780
4909	3,69099,30321	8,84600
4910	3,69108,14921	8,84420
4911	3,69116,99341	8,84240
4912	3,69125,83581	8,84060
4913	3,69134,67641	8,83880
4914	3,69143,51521	8,83701
4915	3,69152,35222	8,83520
4916	3,69161,18742	8,83341
4917	3,69170,02083	8,83161
4918	3,69178,85244	8,82982
4919	3,69187,68226	8,82802
4920	3,69196,51028	8,82622
4921	3,69205,33650	8,82444
4922	3,69214,16094	8,82264
4923	3,69222,98358	8,82085
4924	3,69231,80443	8,81905
4925	3,69240,62348	8,81727
4926	3,69249,44075	8,81548
4927	3,69258,25623	8,81369
4928	3,69267,06992	8,81190
4929	3,69275,88182	8,81011
4930	3,69284,69193	8,80832
4931	3,69293,50025	8,80654
4932	3,69302,30679	8,80476
4933	3,69311,11155	8,80297
4934	3,69319,91452	8,80118
4935	3,69328,71570	8,79940
4936	3,69337,51510	8,79762
4937	3,69346,31272	8,79584
4938	3,69355,10856	8,79406
4939	3,69363,90262	8,79227
4940	3,69372,69489	8,79050
4941	3,69381,48539	8,78872
4942	3,69390,27411	8,78694
4943	3,69399,06105	8,78516
4944	3,69407,84621	8,78338
4945	3,69416,62959	8,78161
4946	3,69425,41120	8,77984
4947	3,69434,19104	8,77806
4948	3,69442,96910	8,77628
4949	3,69451,74538	8,77451
4950	3,69460,51989	8,77274

4951

Chilias 5.

Num.	Logarithmi	Differ.
4951	3,69469,29263	8,77097
4952	3,69478,06360	8,76920
4953	3,69486,83280	8,76742
4954	3,69495,60022	8,76566
4955	3,69504,36588	8,76389
4956	3,69513,12977	8,76212
4957	3,69521,89189	8,76035
4958	3,69530,65224	8,75859
4959	3,69539,41083	8,75682
4960	3,69548,16765	8,75505
4961	3,69556,92270	8,75329
4962	3,69565,67599	8,75153
4963	3,69574,42752	8,74976
4964	3,69583,17728	8,74800
4965	3,69591,92528	8,74624
4966	3,69600,67152	8,74448
4967	3,69609,41600	8,74272
4968	3,69618,15872	8,74095
4969	3,69626,89967	8,73920
4970	3,69635,63887	8,73744
4971	3,69644,37631	8,73569
4972	3,69653,11200	8,73392
4973	3,69661,84592	8,73217
4974	3,69670,57809	8,73042
4975	3,69679,30851	8,72866
4976	3,69688,03717	8,72690
4977	3,69696,76407	8,72516
4978	3,69705,48923	8,72340
4979	3,69714,21263	8,72165
4980	3,69722,93428	8,71989
4981	3,69731,65417	8,71815
4982	3,69740,37232	8,71640
4983	3,69749,08872	8,71465
4984	3,69757,80337	8,71289
4985	3,69766,51626	8,71116
4986	3,69775,22742	8,70940
4987	3,69783,93682	8,70766
4988	3,69792,64448	8,70591
4989	3,69801,35039	8,70417
4990	3,69810,05456	8,70243
4991	3,69818,75699	8,70068
4992	3,69827,45767	8,69894
4993	3,69836,15661	8,69719
4994	3,69844,85380	8,69546
4995	3,69853,54926	8,69371
4996	3,69862,24297	8,69197
4997	3,69870,93494	8,69024
4998	3,69879,62518	8,68850
4999	3,69888,31368	8,68675
5000	3,69897,00043	8,68502

Chilias 6.

Num.	Logarithmi	Differ.
5001	3,69905,68545	8,68329
5002	3,69914,36874	8,68155
5003	3,69923,05029	8,67981
5004	3,69931,73010	8,67808
5005	3,69940,40818	8,67635
5006	3,69949,08453	8,67461
5007	3,69957,75914	8,67288
5008	3,69966,43202	8,67115
5009	3,69975,10317	8,66942
5010	3,69983,77259	8,66768
5011	3,69992,44027	8,66596
5012	3,70001,10623	8,66423
5013	3,70009,77046	8,66250
5014	3,70018,43296	8,66078
5015	3,70027,09374	8,65904
5016	3,70035,75278	8,65732
5017	3,70044,41010	8,65560
5018	3,70053,06570	8,65387
5019	3,70061,71957	8,65214
5020	3,70070,37171	8,65043
5021	3,70079,02214	8,64870
5022	3,70087,67084	8,64698
5023	3,70096,31782	8,64525
5024	3,70104,96307	8,64354
5025	3,70113,60661	8,64182
5026	3,70122,24843	8,64009
5027	3,70130,88852	8,63838
5028	3,70139,52690	8,63666
5029	3,70148,16356	8,63495
5030	3,70156,79851	8,63322
5031	3,70165,43173	8,63151
5032	3,70174,06324	8,62980
5033	3,70182,69304	8,62808
5034	3,70191,32112	8,62637
5035	3,70199,94749	8,62465
5036	3,70208,57214	8,62295
5037	3,70217,19509	8,62123
5038	3,70225,81632	8,61952
5039	3,70234,43584	8,61780
5040	3,70243,05364	8,61610
5041	3,70251,66974	8,61439
5042	3,70260,28413	8,61269
5043	3,70268,89682	8,61097
5044	3,70277,50779	8,60927
5045	3,70286,11706	8,60756
5046	3,70294,72462	8,60585
5047	3,70303,33047	8,60415
5048	3,70311,93462	8,60245
5049	3,70320,53707	8,60074
5050	3,70329,13781	8,59904

Chilias 6.

Num.	Logarithmi	Differ.
5051	3,70337,73685	8,59734
5052	3,70346,33419	8,59563
5053	3,70354,92982	8,59394
5054	3,70363,52376	8,59223
5055	3,70372,11599	8,59054
5056	3,70380,70653	8,58883
5057	3,70389,29536	8,58714
5058	3,70397,88250	8,58544
5059	3,70406,46794	8,58374
5060	3,70415,05168	8,58205
5061	3,70423,63373	8,58035
5062	3,70432,21408	8,57866
5063	3,70440,79274	8,57696
5064	3,70449,36970	8,57527
5065	3,70457,94497	8,57358
5066	3,70466,51855	8,57188
5067	3,70475,09043	8,57019
5068	3,70483,66062	8,56850
5069	3,70492,22912	8,56681
5070	3,70500,79593	8,56512
5071	3,70509,36105	8,56344
5072	3,70517,92449	8,56174
5073	3,70526,48623	8,56006
5074	3,70535,04629	8,55837
5075	3,70543,60466	8,55668
5076	3,70552,16134	8,55500
5077	3,70560,71634	8,55331
5078	3,70569,26965	8,55163
5079	3,70577,82128	8,54995
5080	3,70586,37123	8,54826
5081	3,70594,91949	8,54658
5082	3,70603,46607	8,54490
5083	3,70612,01097	8,54322
5084	3,70620,55419	8,54154
5085	3,70629,09573	8,53985
5086	3,70637,63558	8,53818
5087	3,70646,17376	8,53650
5088	3,70654,71026	8,53483
5089	3,70663,24509	8,53314
5090	3,70671,77823	8,53147
5091	3,70680,30970	8,52980
5092	3,70688,83950	8,52812
5093	3,70697,36762	8,52644
5094	3,70705,89406	8,52477
5095	3,70714,41883	8,52310
5096	3,70722,94193	8,52143
5097	3,70731,46336	8,51975
5098	3,70739,98311	8,51809
5099	3,70748,50120	8,51641
5100	3,70757,01761	8,51474

Num.	Logarithmi	Differ.
5101	3,70765,53235	8,51308
5102	3,70774,04543	8,51140
5103	3,70782,55683	8,50974
5104	3,70791,06657	8,50870
5105	3,70799,57464	8,50641
5106	3,70808,08105	8,50474
5107	3,70816,58579	8,50307
5108	3,70825,08886	8,50141
5109	3,70833,59027	8,49974
5110	3,70842,09001	8,49809
5111	3,70850,58810	8,49642
5112	3,70859,08452	8,49475
5113	3,70867,57927	8,49310
5114	3,70876,07237	8,49143
5115	3,70884,56380	8,48978
5116	3,70893,05358	8,48812
5117	3,70901,54170	8,48646
5118	3,70910,02816	8,48480
5119	3,70918,51296	8,48314
5120	3,70926,99610	8,48148
5121	3,70935,47758	8,47983
5122	3,70943,95741	8,47818
5123	3,70952,43559	8,47652
5124	3,70960,91211	8,47486
5125	3,70969,38697	8,47321
5126	3,70977,86018	8,47156
5127	3,70986,33174	8,46991
5128	3,70994,80165	8,46826
5129	3,71003,26991	8,46660
5130	3,71011,73651	8,46496
5131	3,71020,20147	8,46330
5132	3,71028,66477	8,46166
5133	3,71037,12643	8,46000
5134	3,71045,58643	8,45836
5135	3,71054,04479	8,45672
5136	3,71062,50151	8,45506
5137	3,71070,95657	8,45342
5138	3,71079,40999	8,45178
5139	3,71087,86177	8,45013
5140	3,71096,31190	8,44849
5141	3,71104,76039	8,44684
5142	3,71113,20723	8,44520
5143	3,71121,65243	8,44356
5144	3,71130,09599	8,44192
5145	3,71138,53791	8,44028
5146	3,71146,97819	8,43864
5147	3,71155,41683	8,43699
5148	3,71163,85382	8,43536
5149	3,71172,28918	8,43372
5150	3,71180,72290	8,43209

Num.	Logarithmi	Differ.
5151	3,71189,15499	8,43045
5152	3,71197,58544	8,42881
5153	3,71206,01425	8,42717
5154	3,71214,44142	8,42554
5155	3,71222,86696	8,42391
5156	3,71231,29087	8,42227
5157	3,71239,71314	8,42064
5158	3,71248,13378	8,41901
5159	3,71256,55279	8,41737
5160	3,71264,97016	8,41575
5161	3,71273,38591	8,41411
5162	3,71281,80002	8,41248
5163	3,71290,21250	8,41086
5164	3,71298,62336	8,40923
5165	3,71307,03259	8,40759
5166	3,71315,44018	8,40597
5167	3,71323,84615	8,40435
5168	3,71332,25050	8,40272
5169	3,71340,65322	8,40109
5170	3,71349,05431	8,39947
5171	3,71357,45378	8,39784
5172	3,71365,85162	8,39622
5173	3,71374,24784	8,39460
5174	3,71382,64244	8,39297
5175	3,71391,03541	8,39136
5176	3,71399,42677	8,38973
5177	3,71407,81650	8,38811
5178	3,71416,20461	8,38649
5179	3,71424,59110	8,38487
5180	3,71432,97597	8,38326
5181	3,71441,35923	8,38163
5182	3,71449,74086	8,38002
5183	3,71458,12088	8,37841
5184	3,71466,49929	8,37678
5185	3,71474,87607	8,37517
5186	3,71483,25124	8,37356
5187	3,71491,62480	8,37194
5188	3,71499,99674	8,37033
5189	3,71508,36707	8,36871
5190	3,71516,73578	8,36711
5191	3,71525,10289	8,36549
5192	3,71533,46838	8,36388
5193	3,71541,83226	8,36227
5194	3,71550,29453	8,36066
5195	3,71558,55519	8,35905
5196	3,71566,91424	8,35744
5197	3,71575,27168	8,35584
5198	3,71583,62752	8,35422
5199	3,71591,98174	8,35262
5200	3,71600,33436	8,35102

Num.	Logarithmi	Differ.
5201	3,71608,68538	8,34941
5202	3,71617,03479	8,34780
5203	3,71625,38259	8,34620
5204	3,71633,72879	8,34459
5205	3,71642,07338	8,34300
5206	3,71650,41638	8,34139
5207	3,71658,75777	8,33979
5208	3,71667,09756	8,33818
5209	3,71675,43574	8,33659
5210	3,71683,77233	8,33499
5211	3,71692,10732	8,33338
5212	3,71700,44070	8,33179
5213	3,71708,77249	8,33019
5214	3,71717,10268	8,32860
5215	3,71725,43128	8,32699
5216	3,71733,75827	8,32540
5217	3,71742,08367	8,32381
5218	3,71750,40748	8,32221
5219	3,71758,72969	8,32061
5220	3,71767,05030	8,31902
5221	3,71775,36932	8,31743
5222	3,71783,38675	8,31583
5223	3,71792,00258	8,31425
5224	3,71800,31683	8,31265
5225	3,71808,62948	8,31106
5226	3,71816,94054	8,30947
5227	3,71825,25001	8,30788
5228	3,71833,55789	8,30629
5229	3,71841,86418	8,30471
5230	3,71850,16889	8,30311
5231	3,71858,47200	8,30153
5232	3,71866,77353	8,29994
5233	3,71875,07347	8,29836
5234	3,71883,37183	8,29677
5235	3,71891,66860	8,29519
5236	3,71899,96379	8,29360
5237	3,71908,25739	8,29202
5238	3,71916,54941	8,29043
5239	3,71924,83984	8,28886
5240	3,71933,12870	8,28727
5241	3,71941,41597	8,28569
5242	3,71949,70166	8,28411
5243	3,71957,98577	8,28253
5244	3,71966,26830	8,28095
5245	3,71974,54925	8,27938
5246	3,71982,82863	8,27779
5247	3,71991,10642	8,27622
5248	3,71999,38264	8,27464
5249	3,72007,65728	8,27306
5250	3,72015,93034	8,27149

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
5251	3,72024,20183	8,26991	5301	3,72435,78042	8,19192	5351	3,72843,49510	8,11538
5252	3,72032,47174	8,26834	5302	3,72443,97234	8,19037	5352	3,72851,61048	8,11386
5253	3,72040,74008	8,26677	5303	3,72452,16271	8,18883	5353	3,72859,72434	8,11235
5254	3,72049,00685	8,26519	5304	3,72460,35154	8,18728	5354	3,72867,83669	8,11083
5255	3,72057,27204	8,26362	5305	3,72468,53882	8,18574	5355	3,72875,94752	8,10931
5256	3,72065,53566	8,26204	5306	3,72476,72456	8,18420	5356	3,72884,05683	8,10781
5257	3,72073,79770	8,26048	5307	3,72484,90876	8,18266	5357	3,72892,16464	8,10629
5258	3,72082,05818	8,25890	5308	3,72493,09142	8,18111	5358	3,72900,27093	8,10477
5259	3,72090,31708	8,25734	5309	3,72501,27253	8,17958	5359	3,72908,37570	8,10327
5260	3,72098,57442	8,25576	5310	3,72509,45211	8,17803	5360	3,72916,47897	8,10175
5261	3,72106,83018	8,25419	5311	3,72517,63014	8,17650	5361	3,72924,58072	8,10024
5262	3,72115,08437	8,25263	5312	3,72525,80664	8,17495	5362	3,72932,68096	8,09874
5263	3,72123,33700	8,25106	5313	3,72533,98159	8,17342	5363	3,72940,77970	8,09722
5264	3,72131,58806	8,24949	5314	3,72542,15501	8,17188	5364	3,72948,87692	8,09571
5265	3,72139,83755	8,24793	5315	3,72550,32689	8,17034	5365	3,72956,97263	8,09420
5266	3,72148,08548	8,24636	5316	3,72558,49723	8,16880	5366	3,72965,06683	8,09270
5267	3,72156,33184	8,24479	5317	3,72566,66603	8,16727	5367	3,72973,15953	8,09119
5268	3,72164,57663	8,24323	5318	3,72574,83330	8,16573	5368	3,72981,25072	8,08968
5269	3,72172,81986	8,24166	5319	3,72582,99903	8,16420	5369	3,72989,34040	8,08817
5270	3,72181,06152	8,24010	5320	3,72591,16323	8,16266	5370	3,72997,42857	8,08667
5271	3,72189,30162	8,23854	5321	3,72599,32589	8,16113	5371	3,73005,51524	8,08516
5272	3,72197,54016	8,23697	5322	3,72607,48702	8,15960	5372	3,73013,60040	8,08366
5273	3,72205,77713	8,23542	5323	3,72615,64662	8,15806	5373	3,73021,68406	8,08215
5274	3,72214,01255	8,23385	5324	3,72623,80468	8,15653	5374	3,73029,76621	8,08065
5275	3,72222,24640	8,23229	5325	3,72631,96121	8,15500	5375	3,73037,84686	8,07914
5276	3,72230,47869	8,23073	5326	3,72640,11621	8,15347	5376	3,73045,92600	8,07765
5277	3,72238,70942	8,22917	5327	3,72648,26968	8,15194	5377	3,73054,00365	8,07614
5278	3,72246,93859	8,22761	5328	3,72656,42162	8,15040	5378	3,73062,07979	8,07464
5279	3,72255,16620	8,22605	5329	3,72664,57202	8,14888	5379	3,73070,15443	8,07314
5280	3,72263,39225	8,22450	5330	3,72672,72090	8,14735	5380	3,73078,22757	8,07163
5281	3,72271,61675	8,22294	5331	3,72680,86825	8,14582	5381	3,73086,29920	8,07014
5282	3,72279,83969	8,22138	5332	3,72689,01407	8,14430	5382	3,73094,36934	8,06864
5283	3,72288,06107	8,21982	5333	3,72697,15837	8,14277	5383	3,73102,43798	8,06714
5284	3,72296,28089	8,21827	5334	3,72705,30114	8,14124	5384	3,73110,50512	8,06564
5285	3,72304,49916	8,21672	5335	3,72713,44238	8,13971	5385	3,73118,57076	8,06415
5286	3,72312,71588	8,21516	5336	3,72721,58209	8,13819	5386	3,73126,63491	8,06264
5287	3,72320,93104	8,21361	5337	3,72729,72028	8,13667	5387	3,73134,69755	8,06116
5288	3,72329,14465	8,21205	5338	3,72737,85695	8,13514	5388	3,73142,75871	8,05965
5289	3,72337,35670	8,21050	5339	3,72745,99209	8,13361	5389	3,73150,81836	8,05816
5290	3,72345,56720	8,20895	5340	3,72754,12570	8,13210	5390	3,73158,87652	8,05666
5291	3,72353,77615	8,20740	5341	3,72762,25780	8,13057	5391	3,73166,93318	8,05517
5292	3,72361,98355	8,20585	5342	3,72770,38837	8,12905	5392	3,73174,98835	8,05368
5293	3,72370,18940	8,20430	5343	3,72778,51742	8,12753	5393	3,73183,04203	8,05218
5294	3,72378,39370	8,20274	5344	3,72786,64495	8,12600	5394	3,73191,09421	8,05069
5295	3,72386,59644	8,20120	5345	3,72794,77095	8,12449	5395	3,73199,14490	8,04920
5296	3,72394,79764	8,19965	5346	3,72802,89544	8,12297	5396	3,73207,19410	8,04771
5297	3,72402,99729	8,19811	5347	3,72811,01841	8,12145	5397	3,73215,24181	8,04621
5298	3,72411,19540	8,19655	5348	3,72819,13986	8,11993	5398	3,73223,28802	8,04473
5299	3,72419,39195	8,19501	5349	3,72827,25979	8,11841	5399	3,73231,33275	8,04323
5300	3,72427,58696	8,19346	5350	3,72835,37820	8,11690	5400	3,73239,37598	8,04175

Num.	Logarithmi	Differ.
5401	3,73247,41773	8,04026
5402	3,73255,45799	8,03876
5403	3,73263,49675	8,03728
5404	3,73271,53403	8,03580
5405	3,73279,56983	8,03431
5406	3,73287,60414	8,03282
5407	3,73295,63696	8,03133
5408	3,73303,66829	8,02985
5409	3,73311,69814	8,02837
5410	3,73319,72651	8,02688
5411	3,73327,75339	8,02540
5412	3,73335,77879	8,02392
5413	3,73343,80271	8,02243
5414	3,73351,82514	8,02096
5415	3,73359,84610	8,01947
5416	3,73367,86557	8,01799
5417	3,73375,88356	8,01651
5418	3,73383,90007	8,01503
5419	3,73391,91510	8,01355
5420	3,73399,92865	8,01208
5421	3,73407,94073	8,01059
5422	3,73415,95132	8,00912
5423	3,73423,96044	8,00765
5424	3,73431,96809	8,00616
5425	3,73439,97425	8,00469
5426	3,73447,97894	8,00322
5427	3,73455,98216	8,00174
5428	3,73463,98370	8,00027
5429	3,73471,98417	7,99879
5430	3,73479,98296	7,99732
5431	3,73487,98028	7,99585
5432	3,73495,97613	7,99437
5433	3,73503,97050	7,99291
5434	3,73511,96341	7,99143
5435	3,73519,95484	7,98997
5436	3,73527,94481	7,98849
5437	3,73535,93330	7,98703
5438	3,73543,92033	7,98555
5439	3,73551,90588	7,98409
5440	3,73559,88997	7,98262
5441	3,73567,87259	7,98115
5442	3,73575,85374	7,97969
5443	3,73583,83343	7,97822
5444	3,73591,81165	7,97676
5445	3,73599,78841	7,97529
5446	3,73607,76370	7,97383
5447	3,73615,73753	7,97236
5448	3,73623,70989	7,97090
5449	3,73631,68079	7,96944
5450	3,73639,65023	7,96797

Num.	Logarithmi	Differ.
5451	3,73647,61820	7,96652
5452	3,73655,58472	7,96505
5453	3,73663,54977	7,96359
5454	3,73671,51336	7,96213
5455	3,73679,47549	7,96067
5456	3,73687,43616	7,95922
5457	3,73695,39538	7,95775
5458	3,73703,35313	7,95630
5459	3,73711,30943	7,95484
5460	3,73719,26427	7,95338
5461	3,73727,21765	7,95193
5462	3,73735,16958	7,95047
5463	3,73743,12005	7,94902
5464	3,73751,06907	7,94756
5465	3,73759,01663	7,94611
5466	3,73766,96274	7,94465
5467	3,73774,90739	7,94320
5468	3,73782,85059	7,94175
5469	3,73790,79234	7,94029
5470	3,73798,73263	7,93885
5471	3,73806,67148	7,93739
5472	3,73814,60887	7,93594
5473	3,73822,54481	7,93450
5474	3,73830,47931	7,93304
5475	3,73838,41235	7,93160
5476	3,73846,34395	7,93014
5477	3,73854,27409	7,92870
5478	3,73862,20279	7,92725
5479	3,73870,13004	7,92581
5480	3,73878,05585	7,92436
5481	3,73885,98021	7,92291
5482	3,73893,90312	7,92147
5483	3,73901,82459	7,92002
5484	3,73909,74461	7,91858
5485	3,73917,66319	7,91714
5486	3,73925,58033	7,91569
5487	3,73933,49602	7,91425
5488	3,73941,41027	7,91281
5489	3,73949,32308	7,91137
5490	3,73957,23445	7,90992
5491	3,73965,14437	7,90849
5492	3,73973,05286	7,90704
5493	3,73980,95990	7,90561
5494	3,73988,86551	7,90417
5495	3,73996,76968	7,90273
5496	3,74004,67241	7,90129
5497	3,74012,57370	7,89985
5498	3,74020,47355	7,89842
5499	3,74028,37197	7,89698
5500	3,74036,26895	7,89554

Num.	Logarithmi	Differ.
5501	3,74044,16449	7,89412
5502	3,74052,05861	7,89267
5503	3,74059,95128	7,89124
5504	3,74067,84252	7,88981
5505	3,74075,73233	7,88838
5506	3,74083,62071	7,88694
5507	3,74091,50765	7,88551
5508	3,74099,39316	7,88408
5509	3,74107,27724	7,88265
5510	3,74115,15989	7,88121
5511	3,74123,04110	7,87979
5512	3,74130,92089	7,87836
5513	3,74138,79925	7,87693
5514	3,74146,67618	7,87550
5515	3,74154,55168	7,87407
5516	3,74162,42575	7,87265
5517	3,74170,29840	7,87121
5518	3,74178,16961	7,86980
5519	3,74186,03941	7,86836
5520	3,74193,90777	7,86694
5521	3,74201,77471	7,86552
5522	3,74209,64023	7,86409
5523	3,74217,50432	7,86267
5524	3,74225,36699	7,86125
5525	3,74233,22824	7,85982
5526	3,74241,08806	7,85840
5527	3,74248,94646	7,85698
5528	3,74256,80344	7,85555
5529	3,74264,65899	7,85414
5530	3,74272,51313	7,85272
5531	3,74280,36585	7,85129
5532	3,74288,21714	7,84988
5533	3,74296,06702	7,84846
5534	3,74303,91548	7,84704
5535	3,74311,76252	7,84562
5536	3,74319,60814	7,84421
5537	3,74327,45235	7,84279
5538	3,74335,29514	7,84137
5539	3,74343,13651	7,83996
5540	3,74350,97647	7,83855
5541	3,74358,81502	7,83712
5542	3,74366,65214	7,83572
5543	3,74374,48786	7,83430
5544	3,74382,32216	7,83289
5545	3,74390,15505	7,83147
5546	3,74397,98652	7,83007
5547	3,74405,81659	7,82865
5548	3,74413,64524	7,82724
5549	3,74421,47248	7,82583
5550	3,74429,29831	7,82442

Num.	Logarithmi	Differ.
5551	3,74437,12273	7,82301
5552	3,74444,94574	7,82161
5553	3,74452,76735	7,82019
5554	3,74460,58754	7,81879
5555	3,74468,40633	7,81738
5556	3,74476,22371	7,81597
5557	3,74484,03968	7,81456
5558	3,74491,85424	7,81316
5559	3,74499,66740	7,81176
5560	3,74507,47916	7,81035
5561	3,74515,28951	7,80894
5562	3,74523,09845	7,80754
5563	3,74530,90599	7,80614
5564	3,74538,71213	7,80474
5565	3,74546,51687	7,80333
5566	3,74554,32020	7,80193
5567	3,74562,12213	7,80053
5568	3,74569,92266	7,79913
5569	3,74577,72179	7,79773
5570	3,74585,51952	7,79633
5571	3,74593,31585	7,79493
5572	3,74601,11078	7,79353
5573	3,74608,90431	7,79213
5574	3,74616,69644	7,79073
5575	3,74624,48717	7,78934
5576	3,74632,27651	7,78794
5577	3,74640,06445	7,78654
5578	3,74647,85099	7,78515
5579	3,74655,63614	7,78375
5580	3,74663,41989	7,78236
5581	3,74671,20225	7,78097
5582	3,74678,98322	7,77957
5583	3,74686,76279	7,77817
5584	3,74694,54096	7,77679
5585	3,74702,31775	7,77539
5586	3,74710,09314	7,77400
5587	3,74717,86714	7,77260
5588	3,74725,63974	7,77122
5589	3,74733,41096	7,76983
5590	3,74741,18079	7,76844
5591	3,74748,94923	7,76704
5592	3,74756,71627	7,76566
5593	3,74764,48193	7,76427
5594	3,74772,24620	7,76289
5595	3,74780,00909	7,76149
5596	3,74787,77058	7,76011
5597	3,74795,53069	7,75872
5598	3,74803,28941	7,75734
5599	3,74811,04675	7,75595
5600	3,74818,80270	7,75457

Num.	Logarithmi	Differ.
5601	3,74826,55727	7,75318
5602	3,74834,31045	7,75180
5603	3,74842,06225	7,75041
5604	3,74849,81266	7,74903
5605	3,74857,56169	7,74765
5606	3,74865,30934	7,74627
5607	3,74873,05561	7,74489
5608	3,74880,80050	7,74350
5609	3,74888,54400	7,74213
5610	3,74896,28613	7,74074
5611	3,74904,02687	7,73937
5612	3,74911,76624	7,73798
5613	3,74919,50422	7,73661
5614	3,74927,24083	7,73523
5615	3,74934,97606	7,73385
5616	3,74942,70991	7,73248
5617	3,74950,44239	7,73110
5618	3,74958,17349	7,72972
5619	3,74965,90321	7,72835
5620	3,74973,63156	7,72697
5621	3,74981,35853	7,72560
5622	3,74989,08413	7,72422
5623	3,74996,80835	7,72285
5624	3,75004,53120	7,72148
5625	3,75012,25268	7,72010
5626	3,75019,97278	7,71874
5627	3,75027,69152	7,71736
5628	3,75035,40888	7,71599
5629	3,75043,12487	7,71462
5630	3,75050,83949	7,71324
5631	3,75058,55273	7,71188
5632	3,75066,26461	7,71051
5633	3,75073,97512	7,70914
5634	3,75081,68426	7,70778
5635	3,75089,39204	7,70640
5636	3,75097,09844	7,70504
5637	3,75104,80348	7,70367
5638	3,75112,50715	7,70231
5639	3,75120,20946	7,70094
5640	3,75127,91040	7,69957
5641	3,75135,60997	7,69821
5642	3,75143,30818	7,69685
5643	3,75151,00503	7,69548
5644	3,75158,70051	7,69412
5645	3,75166,39463	7,69275
5646	3,75174,08738	7,69139
5647	3,75181,77877	7,69003
5648	3,75189,46880	7,68867
5649	3,75197,15747	7,68731
5650	3,75204,84478	7,68595

Num.	Logarithmi	Differ.
5651	3,75212,53073	7,68459
5652	3,75220,21532	7,68323
5653	3,75227,89855	7,68187
5654	3,75235,58042	7,68051
5655	3,75243,26093	7,67915
5656	3,75250,94008	7,67779
5657	3,75258,61787	7,67644
5658	3,75266,29431	7,67508
5659	3,75273,96939	7,67373
5660	3,75281,64312	7,67237
5661	3,75289,31549	7,67101
5662	3,75296,98650	7,66966
5663	3,75304,65616	7,66831
5664	3,75312,32447	7,66695
5665	3,75319,99142	7,66560
5666	3,75327,65702	7,66424
5667	3,75335,32126	7,66290
5668	3,75342,98416	7,66154
5669	3,75350,64570	7,66019
5670	3,75358,30589	7,65884
5671	3,75365,96473	7,65749
5672	3,75373,62222	7,65614
5673	3,75381,27836	7,65479
5674	3,75388,93315	7,65344
5675	3,75396,58659	7,65209
5676	3,75404,23868	7,65074
5677	3,75411,88942	7,64940
5678	3,75419,53882	7,64805
5679	3,75427,18687	7,64670
5680	3,75434,83357	7,64536
5681	3,75442,47893	7,64401
5682	3,75450,12294	7,64266
5683	3,75457,76560	7,64133
5684	3,75465,40693	7,63997
5685	3,75473,04690	7,63864
5686	3,75480,68554	7,63729
5687	3,75488,32283	7,63594
5688	3,75495,95877	7,63461
5689	3,75503,59338	7,63326
5690	3,75511,22664	7,63192
5691	3,75518,85856	7,63058
5692	3,75526,48914	7,62924
5693	3,75534,11838	7,62790
5694	3,75541,74628	7,62656
5695	3,75549,37284	7,62522
5696	3,75556,99806	7,62389
5697	3,75564,62195	7,62254
5698	3,75572,24449	7,62121
5699	3,75579,86570	7,61987
5700	3,75587,48557	7,61853

Num.	Logarithmi	Differ.
5701	3,75595,10410	7,61720
5702	3,75602,72130	7,61586
5703	3,75610,33716	7,61452
5704	3,75617,95168	7,61320
5705	3,75625,56488	7,61185
5706	3,75633,17673	7,61052
5707	3,75640,78725	7,60919
5708	3,75648,39644	7,60786
5709	3,75656,00430	7,60652
5710	3,75663,61082	7,60520
5711	3,75671,21602	7,60386
5712	3,75678,81988	7,60253
5713	3,75686,42241	7,60119
5714	3,75694,02360	7,59987
5715	3,75701,62347	7,59854
5716	3,75709,22201	7,59721
5717	3,75716,81922	7,59588
5718	3,75724,41510	7,59455
5719	3,75732,00965	7,59323
5720	3,75739,60288	7,59190
5721	3,75747,19478	7,59057
5722	3,75754,78535	7,58924
5723	3,75762,37459	7,58792
5724	3,75769,96251	7,58659
5725	3,75777,54910	7,58527
5726	3,75785,13437	7,58394
5727	3,75792,71831	7,58262
5728	3,75800,30093	7,58129
5729	3,75807,88222	7,57998
5730	3,75815,46220	7,57865
5731	3,75823,04085	7,57732
5732	3,75830,61817	7,57601
5733	3,75838,19418	7,57468
5734	3,75845,76886	7,57336
5735	3,75853,34222	7,57205
5736	3,75860,91427	7,57072
5737	3,75868,48499	7,56940
5738	3,75876,05439	7,56808
5739	3,75883,62247	7,56677
5740	3,75891,18924	7,56545
5741	3,75898,75469	7,56413
5742	3,75906,31882	7,56281
5743	3,75913,88163	7,56149
5744	3,75921,44312	7,56018
5745	3,75929,00330	7,55887
5746	3,75936,56217	7,55754
5747	3,75944,11971	7,55624
5748	3,75951,67595	7,55491
5749	3,75959,23086	7,55361
5750	3,75966,78447	7,55229

Num	Logarithmi	Differ.
5751	3,75974,33676	7,55098
5752	3,75981,88774	7,54966
5753	3,75989,43740	7,54836
5754	3,75996,98576	7,54704
5755	3,76004,53280	7,54573
5756	3,76012,07853	7,54442
5757	3,76019,62295	7,54310
5758	3,76027,16605	7,54180
5759	3,76034,70785	7,54049
5760	3,76042,24834	7,53918
5761	3,76049,78752	7,53787
5762	3,76057,32539	7,53657
5763	3,76064,86196	7,53525
5764	3,76072,39721	7,53395
5765	3,76079,93116	7,53265
5766	3,76087,46381	7,53133
5767	3,76094,99514	7,53003
5768	3,76102,52517	7,52873
5769	3,76110,05390	7,52742
5770	3,76117,58132	7,52611
5771	3,76125,10743	7,52481
5772	3,76132,63224	7,52351
5773	3,76140,15575	7,52220
5774	3,76147,67795	7,52091
5775	3,76155,19886	7,51960
5776	3,76162,71846	7,51829
5777	3,76170,23675	7,51700
5778	3,76177,75375	7,51570
5779	3,76185,26945	7,51439
5780	3,76192,78384	7,51310
5781	3,76200,29694	7,51179
5782	3,76207,80873	7,51050
5783	3,76215,31923	7,50920
5784	3,76222,82843	7,50790
5785	3,76230,33633	7,50660
5786	3,76237,84293	7,50531
5787	3,76245,34824	7,50400
5788	3,76252,85224	7,50272
5789	3,76260,35496	7,50141
5790	3,76267,85637	7,50012
5791	3,76275,35649	7,49883
5792	3,76282,85532	7,49753
5793	3,76290,35285	7,49624
5794	3,76297,84909	7,49494
5795	3,76305,34403	7,49365
5796	3,76312,83768	7,49236
5797	3,76320,33004	7,49106
5798	3,76327,82110	7,48977
5799	3,76335,31087	7,48849
5800	3,76342,79936	7,48719

Num.	Logarithmi	Differ.
5801	3,76350,28655	7,48590
5802	3,76357,77245	7,48461
5803	3,76365,25706	7,48332
5804	3,76372,74038	7,48203
5805	3,76380,22241	7,48074
5806	3,76387,70315	7,47945
5807	3,76395,18260	7,47817
5808	3,76402,66077	7,47688
5809	3,76410,13765	7,47559
5810	3,76417,61324	7,47430
5811	3,76425,08754	7,47302
5812	3,76432,56056	7,47174
5813	3,76440,03230	7,47044
5814	3,76447,50274	7,46917
5815	3,76454,97191	7,46788
5816	3,76462,43979	7,46659
5817	3,76469,90638	7,46531
5818	3,76477,37169	7,46403
5819	3,76484,83572	7,46274
5820	3,76492,29846	7,46147
5821	3,76499,75993	7,46018
5822	3,76507,22011	7,45890
5823	3,76514,67901	7,45762
5824	3,76522,13663	7,45634
5825	3,76529,59297	7,45506
5826	3,76537,04803	7,45378
5827	3,76544,50181	7,45250
5828	3,76551,95431	7,45122
5829	3,76559,40553	7,44995
5830	3,76566,85548	7,44866
5831	3,76574,30414	7,44739
5832	3,76581,75153	7,44611
5833	3,76589,19764	7,44484
5834	3,76596,64248	7,44356
5835	3,76604,08604	7,44228
5836	3,76611,52832	7,44101
5837	3,76618,96933	7,43974
5838	3,76626,40907	7,43846
5839	3,76633,84753	7,43718
5840	3,76641,28471	7,43591
5841	3,76648,72062	7,43464
5842	3,76656,15526	7,43337
5843	3,76663,58863	7,43210
5844	3,76671,02073	7,43082
5845	3,76678,45155	7,42955
5846	3,76685,88110	7,42828
5847	3,76693,30938	7,42701
5848	3,76700,73639	7,42575
5849	3,76708,16214	7,42447
5850	3,76715,58661	7,42320

Num.	Logarithmi	Differ.
5851	3,76723,00981	7,42194
5852	3,76730,43175	7,42066
5853	3,76737,85241	7,41940
5854	3,76745,27181	7,41813
5855	3,76752,68994	7,41687
5856	3,76760,10681	7,41559
5857	3,76767,52240	7,41433
5858	3,76774,93673	7,41307
5859	3,76782,34980	7,41180
5860	3,76789,76160	7,41054
5861	3,76797,17214	7,40927
5862	3,76804,58141	7,40801
5863	3,76811,98942	7,40674
5864	3,76819,39616	7,40549
5865	3,76826,80165	7,40421
5866	3,76834,20586	7,40296
5867	3,76841,60882	7,40170
5868	3,76849,01052	7,40043
5869	3,76856,41095	7,39917
5870	3,76863,81012	7,39792
5871	3,76871,20804	7,39665
5872	3,76878,60469	7,39539
5873	3,76886,00008	7,39414
5874	3,76893,39422	7,39287
5875	3,76900,78709	7,39162
5876	3,76908,17871	7,39036
5877	3,76915,56907	7,38910
5878	3,76922,95817	7,38785
5879	3,76930,34602	7,38659
5880	3,76937,73261	7,38533
5881	3,76945,11794	7,38408
5882	3,76952,50202	7,38282
5883	3,76959,88484	7,38157
5884	3,76967,26641	7,38031
5885	3,76974,64672	7,37906
5886	3,76982,02578	7,37780
5887	3,76989,40358	7,37655
5888	3,76996,78013	7,37530
5889	3,77004,15543	7,37405
5890	3,77011,52948	7,37279
5891	3,77018,90227	7,37155
5892	3,77026,27382	7,37029
5893	3,77033,64411	7,36904
5894	3,77041,01315	7,36779
5895	3,77048,38094	7,36655
5896	3,77055,74749	7,36529
5897	3,77063,11278	7,36404
5898	3,77070,47682	7,36280
5899	3,77077,83962	7,36154
5900	3,77085,20116	7,36030

Num.	Logarithmi	Differ.
5901	3,77092,56146	7,35906
5902	3,77099,92052	7,35780
5903	3,77107,27832	7,35656
5904	3,77114,63488	7,35531
5905	3,77121,99019	7,35407
5906	3,77129,34426	7,35283
5907	3,77136,69709	7,35157
5908	3,77144,04866	7,35034
5909	3,77151,39900	7,34909
5910	3,77158,74809	7,34784
5911	3,77166,09593	7,34661
5912	3,77173,44254	7,34536
5913	3,77180,78790	7,34412
5914	3,77188,13202	7,34288
5915	3,77195,47490	7,34163
5916	3,77202,81653	7,34040
5917	3,77210,15693	7,33915
5918	3,77217,49608	7,33792
5919	3,77224,83400	7,33667
5920	3,77232,17067	7,33544
5921	3,77239,50611	7,33420
5922	3,77246,84031	7,33295
5923	3,77254,17326	7,33172
5924	3,77261,50498	7,33049
5925	3,77268,83547	7,32924
5926	3,77276,16471	7,32801
5927	3,77283,49272	7,32678
5928	3,77290,81950	7,32553
5929	3,77298,14503	7,32431
5930	3,77305,46934	7,32306
5931	3,77312,79240	7,32184
5932	3,77320,11424	7,32059
5933	3,77327,43483	7,31937
5934	3,77334,75420	7,31813
5935	3,77342,07233	7,31690
5936	3,77349,38923	7,31566
5937	3,77356,70489	7,31444
5938	3,77364,01933	7,31320
5939	3,77371,33253	7,31197
5940	3,77378,64450	7,31074
5941	3,77385,95524	7,30951
5942	3,77393,26475	7,30828
5943	3,77400,57303	7,30705
5944	3,77407,88008	7,30582
5945	3,77415,18590	7,30459
5946	3,77422,49049	7,30336
5947	3,77429,79385	7,30213
5948	3,77437,09598	7,30091
5949	3,77444,39689	7,29968
5950	3,77451,69657	7,29846

Num.	Logarithmi	Differ.
5951	3,77458,99503	7,29722
5952	3,77466,29225	7,29601
5953	3,77473,58826	7,29477
5954	3,77480,88303	7,29355
5955	3,77488,17658	7,29233
5956	3,77495,46891	7,29110
5957	3,77502,76001	7,28988
5958	3,77510,04989	7,28865
5959	3,77517,33854	7,28743
5960	3,77524,62597	7,28621
5961	3,77531,91218	7,28499
5962	3,77539,19717	7,28376
5963	3,77546,48093	7,28255
5964	3,77553,76348	7,28132
5965	3,77561,04480	7,28010
5966	3,77568,32490	7,27888
5967	3,77575,60378	7,27767
5968	3,77582,88145	7,27644
5969	3,77590,15789	7,27522
5970	3,77597,43311	7,27401
5971	3,77604,70712	7,27279
5972	3,77611,97991	7,27156
5973	3,77619,25147	7,27036
5974	3,77626,52183	7,26913
5975	3,77633,79096	7,26792
5976	3,77641,05888	7,26670
5977	3,77648,32558	7,26549
5978	3,77655,59107	7,26427
5979	3,77662,85534	7,26306
5980	3,77670,11840	7,26184
5981	3,77677,38024	7,26063
5982	3,77684,64087	7,25941
5983	3,77691,90028	7,25821
5984	3,77699,15849	7,25698
5985	3,77706,41547	7,25578
5986	3,77713,67125	7,25456
5987	3,77720,92581	7,25336
5988	3,77728,17917	7,25214
5989	3,77735,43131	7,25093
5990	3,77742,68224	7,24972
5991	3,77749,93196	7,24851
5992	3,77757,18047	7,24730
5993	3,77764,42777	7,24609
5994	3,77771,67386	7,24488
5995	3,77778,91874	7,24368
5996	3,77786,16242	7,24246
5997	3,77793,40488	7,24126
5998	3,77800,64614	7,24005
5999	3,77807,88619	7,23885
6000	3,77815,12504	7,23764

Num.	Logarithmi	Differ.
6001	3,77822,36268	7,23643
6002	3,77829,59911	7,23523
6003	3,77836,83434	7,23402
6004	3,77844,06836	7,23281
6005	3,77851,30117	7,23162
6006	3,77858,53279	7,23040
6007	3,77865,76319	7,22921
6008	3,77872,99240	7,22800
6009	3,77880,22040	7,22680
6010	3,77887,44720	7,22560
6011	3,77894,67280	7,22439
6012	3,77901,89719	7,22319
6013	3,77909,12038	7,22200
6014	3,77916,34238	7,22079
6015	3,77923,56317	7,21959
6016	3,77930,78276	7,21839
6017	3,77938,00115	7,21719
6018	3,77945,21834	7,21599
6019	3,77952,43433	7,21480
6020	3,77959,64913	7,21359
6021	3,77966,86272	7,21240
6022	3,77974,07512	7,21120
6023	3,77981,28632	7,21000
6024	3,77988,49632	7,20880
6025	3,77995,70512	7,20761
6026	3,78002,91273	7,20642
6027	3,78010,11915	7,20521
6028	3,78017,32436	7,20403
6029	3,78024,52839	7,20282
6030	3,78031,73121	7,20164
6031	3,78038,93285	7,20044
6032	3,78046,13329	7,19924
6033	3,78053,33253	7,19805
6034	3,78060,53058	7,19686
6035	3,78067,72744	7,19567
6036	3,78074,92311	7,19448
6037	3,78082,11759	7,19328
6038	3,78089,31087	7,19209
6039	3,78096,50296	7,19090
6040	3,78103,69386	7,18971
6041	3,78110,88357	7,18852
6042	3,78118,07209	7,18733
6043	3,78125,25942	7,18615
6044	3,78132,44557	7,18495
6045	3,78139,63052	7,18376
6046	3,78146,81428	7,18258
6047	3,78153,99686	7,18139
6048	3,78161,17825	7,18020
6049	3,78168,35845	7,17902
6050	3,78175,53747	7,17782

Num.	Logarithmi	Differ.
6051	3,78182,71529	7,17665
6052	3,78189,89194	7,17545
6053	3,78197,06739	7,17427
6054	3,78204,24166	7,17309
6055	3,78211,41475	7,17190
6056	3,78218,58665	7,17072
6057	3,78225,75737	7,16953
6058	3,78232,92690	7,16835
6059	3,78240,09525	7,16717
6060	3,78247,26242	7,16598
6061	3,78254,42840	7,16480
6062	3,78261,59320	7,16362
6063	3,78268,75682	7,16244
6064	3,78275,91926	7,16126
6065	3,78283,08052	7,16008
6066	3,78290,24060	7,15889
6067	3,78297,39949	7,15772
6068	3,78304,55721	7,15654
6069	3,78311,71375	7,15536
6070	3,78318,86911	7,15418
6071	3,78326,02329	7,15300
6072	3,78333,17629	7,15182
6073	3,78340,32811	7,15065
6074	3,78347,47876	7,14947
6075	3,78354,62823	7,14829
6076	3,78361,77652	7,14711
6077	3,78368,92363	7,14594
6078	3,78376,06957	7,14477
6079	3,78383,21434	7,14359
6080	3,78390,35793	7,14241
6081	3,78397,50034	7,14124
6082	3,78404,64158	7,14007
6083	3,78411,78165	7,13889
6084	3,78418,92054	7,13772
6085	3,78426,05826	7,13654
6086	3,78433,19480	7,13538
6087	3,78440,33018	7,13420
6088	3,78447,46438	7,13303
6089	3,78454,59741	7,13185
6090	3,78461,72926	7,13069
6091	3,78468,85995	7,12952
6092	3,78475,98947	7,12834
6093	3,78483,11781	7,12718
6094	3,78490,24499	7,12601
6095	3,78497,37100	7,12483
6096	3,78504,49583	7,12367
6097	3,78511,61950	7,12250
6098	3,78518,74200	7,12134
6099	3,78525,86334	7,12016
6100	3,78532,98350	7,11900

Num.	Logarithmi	Differ.
6101	3,78540,10250	7,11783
6102	3,78547,22033	7,11667
6103	3,78554,33700	7,11549
6104	3,78561,45249	7,11434
6105	3,78568,56683	7,11317
6106	3,78575,68000	7,11200
6107	3,78582,79200	7,11084
6108	3,78589,90284	7,10967
6109	3,78597,01251	7,10851
6110	3,78604,12102	7,10735
6111	3,78611,22837	7,10619
6112	3,78618,33456	7,10502
6113	3,78625,43958	7,10386
6114	3,78632,54344	7,10270
6115	3,78639,64614	7,10153
6116	3,78646,74767	7,10038
6117	3,78653,84805	7,09921
6118	3,78660,94726	7,09806
6119	3,78668,04532	7,09689
6120	3,78675,14221	7,09574
6121	3,78682,23795	7,09458
6122	3,78689,33253	7,09341
6123	3,78696,42594	7,09226
6124	3,78703,51820	7,09110
6125	3,78710,60930	7,08995
6126	3,78717,69925	7,08878
6127	3,78724,78803	7,08763
6128	3,78731,87566	7,08648
6129	3,78738,96214	7,08531
6130	3,78746,04745	7,08416
6131	3,78753,13161	7,08301
6132	3,78760,21462	7,08185
6133	3,78767,29647	7,08069
6134	3,78774,37716	7,07955
6135	3,78781,45671	7,07838
6136	3,78788,53509	7,07724
6137	3,78795,61233	7,07608
6138	3,78802,68841	7,07493
6139	3,78809,76334	7,07377
6140	3,78816,83711	7,07263
6141	3,78823,90974	7,07147
6142	3,78830,98121	7,07032
6143	3,78838,05153	7,06917
6144	3,78845,12070	7,06802
6145	3,78852,18872	7,06687
6146	3,78859,25559	7,06572
6147	3,78866,32131	7,06457
6148	3,78873,38588	7,06342
6149	3,78880,44930	7,06228
6150	3,78887,51158	7,06112

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
6151	3,78894,57270	7,05998	6201	3,79246,17313	7,00306	6251	3,79594,94989	6,94704
6152	3,78901,63268	7,05883	6202	3,79253,17619	7,00193	6252	3,79601,89693	6,94594
6153	3,78908,69151	7,05768	6203	3,79260,17812	7,00079	6253	3,79608,84287	6,94482
6154	3,78915,74919	7,05654	6204	3,79267,17891	6,99967	6254	3,79615,78769	6,94371
6155	3,78922,80573	7,05539	6205	3,79274,17858	6,99854	6255	3,79622,73140	6,94261
6156	3,78929,86112	7,05424	6206	3,79281,17712	6,99742	6256	3,79629,67401	6,94149
6157	3,78936,91536	7,05310	6207	3,79288,11454	6,99629	6257	3,76636,61550	6,94038
6158	3,78943,96846	7,05195	6208	3,79295,17083	6,99515	6258	3,79643,55588	6,93928
6159	3,78951,02041	7,05081	6209	3,79302,16598	6,99404	6259	3,79650,49516	6,93816
6160	3,78958,07122	7,04966	6210	3,79309,16002	6,99290	6260	3,79657,43332	6,93706
6161	3,78965,12088	7,04852	6211	3,79316,15292	6,99179	6261	3,79664,37038	6,93595
6162	3,78972,16940	7,04737	6212	3,79323,14471	6,99065	6262	3,79671,30633	6,93484
6163	3,78979,21677	7,04623	6213	3,79330,13536	6,98953	6263	3,79678,24117	6,93373
6164	3,78986,26300	7,04509	6214	3,79337,12489	6,98841	6264	3,79685,17490	6,93263
6165	3,78993,30809	7,04395	6215	3,79344,11330	6,98728	6265	3,79692,10753	6,93152
6166	3,79000,35204	7,04280	6216	3,79351,10058	6,98616	6266	3,79699,03905	6,93042
6167	3,79007,39484	7,04166	6217	3,79358,08674	6,98503	6267	3,79705,96947	6,92931
6168	3,79014,43650	7,04052	6218	3,79365,07177	6,98391	6268	3,79712,89878	6,92820
6169	3,79021,47702	7,03938	6219	3,79372,05568	6,97279	6269	3,79719,82698	6,92710
6170	3,79028,51640	7,03824	6220	3,79379,03847	6,98166	6270	3,79726,75408	6,92600
6171	3,79035,55464	7,03710	6221	3,79386,02013	6,98055	6271	3,79733,68008	6,92489
6172	3,79042,59174	7,03596	6222	3,79393,00068	6,97942	6272	3,79740,60497	6,92378
6173	3,79049,62770	7,03481	6223	3,79399,98010	6,97830	6273	3,79747,52875	6,92269
6174	3,79056,66251	7,03368	6224	3,79406,95840	6,97718	6274	3,79754,45144	6,92158
6175	3,79063,69619	7,03254	6225	3,79413,93558	6,97605	6275	3,79761,37302	6,92047
6176	3,79070,72873	7,03140	6226	3,79420,91163	6,97494	6276	3,79768,29349	6,91938
6177	3,79077,76013	7,03027	6227	3,79427,88657	6,97382	6277	3,79775,21287	6,91827
6178	3,79084,79040	7,02912	6228	3,79434,86039	6,97270	6278	3,79782,13114	6,91717
6179	3,79091,81952	7,02799	6229	3,79441,83309	6,97158	6279	3,79789,04831	6,91606
6180	3,79098,84751	7,02685	6230	3,79448,80467	6,97046	6280	3,79795,96437	6,91497
6181	3,79105,87436	7,02571	6231	3,79455,77513	6,96934	6281	3,79802,87934	6,91387
6182	3,79112,90007	7,02458	6232	3,79462,74447	6,96822	6282	3,79809,79321	6,91276
6183	3,79119,92465	7,02344	6233	3,79469,71269	6,96710	6283	3,79816,70597	6,91167
6184	3,79126,94809	7,02231	6234	3,79476,67979	6,96599	6284	3,79823,61764	6,91056
6185	3,79133,97040	7,02117	6235	3,79483,64578	6,96487	6285	3,79830,52820	6,90947
6186	3,79140,99157	7,02003	6236	3,79490,61065	6,96376	6286	3,79837,43767	6,90837
6187	3,79148,01160	7,01890	6237	3,79497,57441	6,96263	6287	3,79844,34604	6,90726
6188	3,79155,03050	7,01777	6238	3,79504,53704	6,96152	6288	3,79851,25330	6,90617
6189	3,79162,04827	7,01663	6239	3,79511,49856	6,96041	6289	3,79858,15947	6,90507
6190	3,79169,06490	7,01550	6240	3,79518,45897	6,95929	6290	3,79865,06454	6,90398
6191	3,79176,08040	7,01437	6241	3,79525,41826	6,95817	6291	3,79871,96852	6,90288
6192	3,79183,09477	7,01323	6242	3,79532,37643	6,95706	6292	3,79878,87140	6,90177
6193	3,79190,10800	7,01210	6243	3,79539,33349	6,95595	6293	3,79885,77317	6,90069
6194	3,79197,12010	7,01097	6244	3,79546,28944	6,95483	6294	3,79892,67386	6,89958
6195	3,79204,13107	7,00984	6245	3,79553,24427	6,95372	6295	3,79899,57344	6,89850
6196	3,79211,14091	7,09870	6246	3,79560,19799	6,95260	6296	3,79906,47194	6,89739
6197	3,79218,14901	7,00758	6247	3,79567,15059	6,95150	6297	3,79913,36933	6,89630
6198	3,79225,15719	7,00645	6248	3,79574,10209	6,95038	6298	3,79920,26563	6,89520
6199	3,79232,16364	7,00531	6249	3,79581,05247	6,94926	6299	3,79927,16083	6,39412
6200	3,79239,16895	6,00418	6250	3,79588,00173	6,94816	6300	3,79934,05495	6,89301

Chilias 7.

Num.	Logarithmi	Differ.
6301	3,79940,94796	6,89192
6302	3,79947,83988	6,89083
6303	3,79954,73071	6,88974
6304	3,79961,62045	6,88864
6305	3,79968,50909	6,88755
6306	3,79975,39664	6,88646
6307	3,79982,28310	6,88537
6308	3,79989,16847	6,88427
6309	3,79996,05274	6,88318
6310	3,80002,93592	6,88210
6311	3,80009,81802	6,88100
6312	3,80016,69902	6,87991
6313	3,80023,57893	6,87883
6314	3,80030,45776	6,87773
6315	3,80037,33549	6,87664
6316	3,80044,21213	6,87556
6317	3,80051,08769	6,87447
6318	3,80057,96216	6,87338
6319	3,80064,83554	6,87229
6320	3,80071,70783	6,87120
6321	3,80078,57903	6,87012
6322	3,80085,44915	6,86903
6323	3,80092,31818	6,86795
6324	3,80099,18613	6,86685
6325	3,80106,05298	6,86578
6326	3,80112,91876	6,86469
6327	3,80119,78345	6,86360
6328	3,80126,64705	6,86252
6329	3,80133,50957	6,86143
6330	3,80140,37100	6,86035
6331	3,80147,23135	6,85927
6332	3,80154,09062	6,85818
6333	3,80160,94880	6,85710
6334	3,80167,80590	6,85602
6335	3,80174,66192	6,85494
6336	3,80181,51686	6,85385
6337	3,80188,37071	6,85278
6338	3,80195,22349	6,85169
6339	3,80202,07518	6,85061
6340	3,80208,92579	6,84953
6341	3,80215,77532	6,84845
6342	3,80222,62377	6,84737
6343	3,80229,47114	6,84629
6344	3,80236,31743	6,84521
6345	3,80243,16264	6,84414
6346	3,80250,00678	6,84305
6347	3,80256,84983	6,84198
6348	3,80263,69181	6,84090
6349	3,80270,53271	6,83982
6350	3,80277,37253	6,83874

Chilias 7.

Num.	Logarithmi	Differ.
6351	3,80284,21127	6,83767
6352	3,80291,04894	6,83659
6353	3,80297,88553	6,83552
6354	3,80304,72105	6,83444
6355	3,80311,55549	6,83336
6356	3,80318,38885	6,83229
6357	3,80325,22114	6,83122
6358	3,80332,05236	6,83014
6359	3,80338,88250	6,82906
6360	3,80345,71156	6,82800
6361	3,80352,53956	6,82692
6362	3,80359,36648	6,82584
6363	3,80366,19232	6,82478
6364	3,80373,01710	6,82370
6365	3,80379,84080	6,82263
6366	3,80386,66343	6,82156
6367	3,80393,48499	6,82048
6368	3,80400,30547	6,81942
6369	3,80407,12489	6,81834
6370	3,80413,94323	6,81728
6371	3,80420,76051	6,81620
6372	3,80427,57671	6,81514
6373	3,80434,39185	6,81406
6374	3,80441,20591	6,81300
6375	3,80448,01891	6,81193
6376	3,80454,83084	6,81086
6377	3,80461,64170	6,80979
6378	3,80468,45149	6,80873
6379	3,80475,26022	6,80765
6380	3,80482,06787	6,80659
6381	3,80488,87446	6,80553
6382	3,80495,67999	6,80445
6383	3,80502,48444	6,80339
6384	3,80509,28783	6,80233
6385	3,80516,09016	6,80126
6386	3,80522,89142	6,80020
6387	3,80529,69162	6,79913
6388	3,80536,49075	6,79806
6389	3,80543,28881	6,79701
6390	3,80550,08582	6,79593
6391	3,80556,88175	6,79488
6392	3,80563,67663	6,79381
6393	3,80570,47044	6,79275
6394	3,80577,26319	6,79169
6395	3,80584,05488	6,79063
6396	3,80590,84551	6,78956
6397	3,80597,63507	6,78850
6398	3,80604,42357	6,78745
6399	3,80611,21102	6,78638
6400	3,80617,99740	6,78532

Chilias 7.

Num.	Logarithmi	Differ.
6401	3,80624,78272	6,78426
6402	3,80631,56698	6,78320
6403	3,80638,35018	6,78214
6404	3,80645,13232	6,78109
6405	3,80651,91341	6,78002
6406	3,80658,69343	6,77897
6407	3,80665,47240	6,77791
6408	3,80672,25031	6,77685
6409	3,80679,02716	6,77579
6410	3,80685,80295	6,77474
6411	3,80692,57769	6,77368
6412	3,80699,35137	6,77262
6413	3,80706,12399	6,77157
6414	3,80712,89556	6,77051
6415	3,80719,66607	6,76946
6416	3,80726,43553	6,76840
6417	3,80733,20393	6,76735
6418	3,80739,97128	6,76629
6419	3,80746,73757	6,76524
6420	3,80753,50281	6,76418
6421	3,80760,26699	6,76313
6422	3,80767,03012	6,76208
6423	3,80773,79220	6,76103
6424	3,80780,55323	6,75997
6425	3,80787,31320	6,75892
6426	3,80794,07212	6,75787
6427	3,80800,82999	6,75682
6428	3,80807,58681	6,75577
6429	3,80814,34258	6,75471
6430	3,80821,09729	6,75367
6431	3,80827,85096	6,75261
6432	3,80834,60357	6,75157
6433	3,80841,35514	6,75052
6434	3,80848,10566	6,74946
6435	3,80854,85512	6,74842
6436	3,80861,60354	6,74737
6437	3,80868,35091	6,74632
6438	3,80875,09723	6,74528
6439	3,80881,84251	6,74423
6440	3,80888,58674	6,74318
6441	3,80895,32992	6,74213
6442	3,80902,07205	6,74108
6443	3,80908,81313	6,74004
6444	3,80915,55317	6,73900
6445	3,80922,29217	6,73795
6446	3,80929,03012	6,73690
6447	3,80935,76702	6,73586
6448	3,80942,50288	6,73481
6449	3,80949,23769	6,73377
6450	3,80955,97146	6,73273

Num	Logarithmi	Differ.
6451	3,80962,70419	6,73168
6452	3,80969,43587	6,73064
6453	3,80976,16651	6,72960
6454	3,80982,89611	6,72855
6455	3,80989,62466	6,72751
6456	3,80996,35217	6,72647
6457	3,81003,07864	6,72543
6458	3,81009,80407	6,72438
6459	3,81016,52845	6,72335
6460	3,81023,25180	6,72230
6461	3,81029,97410	6,72127
6462	3,81036,69537	6,72022
6463	3,81043,41559	6,71919
6464	3,81050,13478	6,71814
6465	3,81056,85292	6,71711
6466	3,81063,57003	6,71606
6467	3,81070,28609	6,71503
6468	3,81077,00112	6,71399
6469	3,81083,71511	6,71296
6470	3,81090,42807	6,71191
6471	3,81097,13998	6,71088
6472	3,81103,85086	6,70984
6473	3,81110,56070	6,70881
6474	3,81117,26951	6,70777
6475	3,81123,97728	6,70673
6476	3,81130,68401	6,70570
6477	3,81137,38971	6,70466
6478	3,81144,09437	6,70362
6479	3,81150,79799	6,70260
6480	3,81157,50059	6,70156
6481	3,81164,20215	6,70052
6482	3,81170,90267	6,69949
6483	3,81177,60216	6,69846
6484	3,81184,30062	6,69742
6485	3,81190,99804	6,69639
6486	3,81197,69443	6,69536
6487	3,81204,38979	6,69433
6488	3,81211,08412	6,69330
6489	3,81217,77742	6,69226
6490	3,81224,46968	6,69123
6491	3,81231,16091	6,69021
6492	3,81237,85112	6,68917
6493	3,81244,54029	6,68814
6494	3,81251,22843	6,68711
6495	3,81257,91554	6,68608
6496	3,81264,60162	6,68506
6497	3,81271,28668	6,68402
6498	3,81277,97070	6,68300
6499	3,81284,65370	6,68196
6500	3,81291,33566	6,68094

Num.	Logarithmi	Differ.
6501	3,81298,01660	6,67992
6502	3,81304,69652	6,67888
6503	3,81311,37540	6,67786
6504	3,81318,05326	6,67683
6505	3,81324,73009	6,67580
6506	3,81331,40589	6,67478
6507	3,81338,08067	6,67376
6508	3,81344,75443	6,67272
6509	3,81351,42715	6,67171
6510	3,81358,09886	6,67067
6511	3,81364,76953	6,66966
6512	3,81371,43919	6,66863
6513	3,81378,10782	6,66760
6514	3,81384,77542	6,66658
6515	3,81391,44200	6,66556
6516	3,81398,10756	6,66454
6517	3,81404,77210	6,66351
6518	3,81411,43561	6,66249
6519	3,81418,09810	6,66147
6520	3,81424,75957	6,66045
6521	3,81431,42002	6,65943
6522	3,81438,07945	6,65840
6523	3,81444,73785	6,65739
6524	3,81451,39524	6,65636
6525	3,81458,05160	6,65535
6526	3,81464,70695	6,65432
6527	3,81471,36127	6,65330
6528	3,81478,01457	6,65229
6529	3,81484,66686	6,65127
6530	3,81491,31813	6,65025
6531	3,81497,96838	6,64923
6532	3,81504,61761	6,64821
6533	3,81511,26582	6,64719
6534	3,81517,91301	6,64618
6535	3,81524,55919	6,64516
6536	3,81531,20435	6,64415
6537	3,81537,84850	6,64312
6538	3,81544,49162	6,64212
6539	3,81551,13374	6,64109
6540	3,81557,77483	6,64008
6541	3,81564,41491	6,63907
6542	3,81571,05398	6,63805
6543	3,81577,69203	6,63704
6544	3,81584,32907	6,63602
6545	3,81590,96509	6,63501
6546	3,81597,60010	6,63399
6547	3,81604,23409	6,63298
6548	3,81610,86707	6,63197
6549	3,81617,49904	6,63096
6550	3,81624,13000	6,62994

Num.	Logarithmi	Differ.
6551	3,81630,75994	6,62894
6552	3,81637,38888	6,62792
6553	3,81644,01680	6,62690
6554	3,81650,64370	6,62590
6555	3,81657,26960	6,62489
6556	3,81663,89449	6,62388
6557	3,81670,51837	6,62286
6558	3,81677,14123	6,62186
6559	3,81683,76309	6,62085
6560	3,81690,38394	6,61984
6561	3,81697,00378	6,61883
6562	3,81703,62261	6,61782
6563	3,81710,24043	6,61681
6564	3,81716,85724	6,61580
6565	3,81723,47304	6,61480
6566	3,81730,08784	6,61379
6567	3,81736,70163	6,61278
6568	3,81743,31441	6,61178
6569	3,81749,92619	6,61077
6570	3,81756,53696	6,60976
6571	3,81763,14672	6,60876
6572	3,81769,75548	6,60775
6573	3,81776,36323	6,60674
6574	3,81782,96997	6,60575
6575	3,81789,57572	6,60473
6576	3,81796,18045	6,60374
6577	3,81802,78419	6,60272
6578	3,81809,38691	6,60173
6579	3,81815,98864	6,60072
6580	3,81822,58936	6,59972
6581	3,81829,18908	6,59872
6582	3,81835,78780	6,59771
6583	3,81842,38551	6,59671
6584	3,81848,98222	6,59571
6585	3,81855,57793	6,59471
6586	3,81862,17264	6,59370
6587	3,81868,76634	6,59271
6588	3,81875,35905	6,59170
6589	3,81881,95075	6,59071
6590	3,81888,54146	6,58970
6591	3,81895,13116	6,58871
6592	3,81901,71987	6,58770
6593	3,81908,30757	6,58671
6594	3,81914,89428	6,58571
6595	3,81921,47999	6,58471
6596	3,81928,06470	6,58371
6597	3,81934,64841	6,58271
6598	3,81941,23112	6,58172
6599	3,81947,81284	6,58071
6600	3,81954,39355	6,57973

Chilias 7.

Num.	Logarithmi	Differ.
6601	3,81960,97328	6,57872
6602	3,81967,55200	6,57773
6603	3,81974,12973	6,57673
6604	3,81980,70646	6,57574
6605	3,81987,28220	6,57474
6606	3,81993,85694	6,57374
6607	3,82000,43068	6,57275
6608	3,82007,00343	6,57176
6609	3,82013,57519	6,57076
6610	3,82020,14595	6,56977
6611	3,82026,71572	6,56877
6612	3,82033,28449	6,56778
6613	3,82039,85227	6,56679
6614	3,82046,41906	6,56579
6615	3,82052,98485	6,56480
6616	3,82059,54965	6,56381
6617	3,82066,11346	6,56282
6618	3,82072,67628	6,56183
6619	3,82079,23811	6,56083
6620	3,82085,79894	6,55985
6621	3,82092,35879	6,55885
6622	3,82098,91764	6,55786
6623	3,82105,47550	6,55688
6624	3,82112,03238	6,55588
6625	3,82118,58826	6,55489
6626	3,82125,14315	6,55391
6627	3,82131,69706	6,55291
6628	3,82138,24997	6,55193
6629	3,82144,80190	6,55094
6630	3,82151,35284	6,54995
6631	3,82157,90279	6,54896
6632	3,82164,45175	6,54798
6633	3,82170,99973	6,54699
6634	3,82177,54672	6,54600
6635	3,82184,09272	6,54502
6636	3,82190,63774	6,54402
6637	3,82197,18176	6,54305
6638	3,82203,72481	6,54205
6639	3,82210,26686	6,54108
6640	3,82216,80794	6,54008
6641	3,82223,34802	6,53911
6642	3,82229,88713	6,53811
6643	3,82236,42524	6,53714
6644	3,82242,96238	6,53615
6645	3,82249,49853	6,53516
6646	3,82256,03369	6,53419
6647	3,82262,56788	6,53320
6648	3,82269,10108	6,53222
6649	3,82275,63330	6,53123
6650	3,82282,16453	6,53025

Chilias 7.

Num.	Logarithmi	Differ.
6651	3,82288,69478	6,52927
6652	3,82295,22405	6,52829
6653	3,82301,75234	6,52731
6654	3,82308,27965	6,52633
6655	3,82314,80598	6,52535
6656	3,82321,33133	6,52437
6657	3,82327,85570	6,52338
6658	3,82334,37908	6,52241
6659	3,82340,90149	6,52143
6660	3,82347,42292	6,52045
6661	3,82353,94337	6,51947
6662	3,82360,46284	6,51849
6663	3,82366,98133	6,51751
6664	3,82373,49884	6,51653
6665	3,82380,01537	6,51556
6666	3,82386,53093	6,51458
6667	3,82393,04551	6,51361
6668	3,82399,55912	6,51262
6669	3,82406,07174	6,51165
6670	3,82412,58339	6,51068
6671	3,82419,09407	6,50969
6672	3,82425,60376	6,50873
6673	3,82432,11249	6,50774
6674	3,82438,62023	6,50677
6675	3,82445,12700	6,50580
6676	3,82451,63280	6,50482
6677	3,82458,13762	6,50385
6678	3,82464,64147	6,50288
6679	3,82471,14435	6,50190
6680	3,82477,64625	6,50093
6681	3,82484,14718	6,49995
6682	3,82490,64713	6,49898
6683	3,82497,14611	6,49801
6684	3,82503,64412	6,49704
6685	3,82510,14116	6,49607
6686	3,82516,63723	6,49509
6687	3,82523,13232	6,49412
6688	3,82529,62644	6,49316
6689	3,82536,11960	6,49218
6690	3,82542,61178	6,49121
6691	3,82549,10299	6,49024
6692	3,82555,59323	6,48927
6693	3,82562,08250	6,48830
6694	3,82568,57080	6,48733
6695	3,82575,05813	6,48637
6696	3,82581,54450	6,48539
6697	3,82588,02989	6,48443
6698	3,82594,51432	6,48346
6699	3,82600,99778	6,48249
6700	3,82607,48027	6,48152

Chilias 7.

Num.	Logarithmi	Differ.
6701	3,82613,96179	6,48056
6702	3,82620,44235	6,47959
6703	3,82626,92194	6,47862
6704	3,82633,40056	6,47766
6705	3,82639,87822	6,47669
6706	3,82646,35491	6,47572
6707	3,82652,83063	6,47476
6708	3,82659,30539	6,47380
6709	3,82665,77919	6,47283
6710	3,82672,25202	6,47186
6711	3,82678,72388	6,47090
6712	3,82685,19478	6,46994
6713	3,82691,66472	6,46897
6714	3,82698,13369	6,46801
6715	3,82704,60170	6,46705
6716	3,82711,06875	6,46608
6717	3,82717,53483	6,46512
6718	3,82723,99995	6,46416
6719	3,82730,46411	6,46320
6720	3,82736,92731	6,46223
6721	3,82743,38954	6,46127
6722	3,82749,85081	6,46032
6723	3,82756,31113	6,45935
6724	3,82762,77048	6,45839
6725	3,82769,22887	6,45743
6726	3,82775,68630	6,45647
6727	3,82782,14277	6,45551
6728	3,82788,59828	6,45455
6729	3,82795,05283	6,45359
6730	3,82801,50642	6,45264
6731	3,82807,95906	6,45167
6732	3,82814,41073	6,45072
6733	3,82820,86145	6,44976
6734	3,82827,31121	6,44880
6735	3,82833,76001	6,44784
6736	3,82840,20785	6,44689
6737	3,82846,65474	6,44592
6738	3,82853,10066	6,44498
6739	3,82859,54564	6,44401
6740	3,82865,98965	6,44306
6741	3,82872,43271	6,44211
6742	3,82878,87482	6,44115
6743	3,82885,31597	6,44019
6744	3,82891,75616	6,43924
6745	3,82898,19540	6,43829
6746	3,82904,63369	6,43733
6747	3,82911,07102	6,43637
6748	3,82917,50739	6,43542
6749	3,82923,94281	6,43447
6750	3,82930,37728	6,43352

6751

Num.	Logarithmi	Differ.
6751	3,82936,81080	6,43256
6752	3,82943,24336	6,43161
6753	3,82949,67497	6,43066
6754	3,82956,10563	6,42971
6755	3,82962,53534	6,42875
6756	3,82968,96409	6,42780
6757	3,82975,39189	6,42685
6758	3,82981,81874	6,42590
6759	3,82988,24464	6,42495
6760	3,82994,66959	6,42400
6761	3,83001,09359	6,42305
6762	3,83007,51664	6,42210
6763	3,83013,93874	6,42115
6764	3,83020,35989	6,42020
6765	3,83026,78009	6,41926
6766	3,83033,19935	6,41830
6767	3,83039,61765	6,41735
6768	3,83046,03500	6,41641
6769	3,83052,45141	6,41546
6770	3,83058,86687	6,41451
6771	3,83065,28138	6,41356
6772	3,83071,69494	6,41262
6773	3,83078,10756	6,41167
6774	3,83084,51923	6,41072
6775	3,83090,92995	6,40978
6776	3,83097,33973	6,40883
6777	3,83103,74856	6,40789
6778	3,83110,15645	6,40694
6779	3,83116,56339	6,40600
6780	3,83122,96939	6,40505
6781	3,83129,37444	6,40410
6782	3,83135,77854	6,40317
6783	3,83142,18171	6,40221
6784	3,83148,58392	6,40128
6785	3,83154,98520	6,40033
6786	3,83161,38553	6,39939
6787	3,83167,78492	6,39844
6788	3,83174,18336	6,39751
6789	3,83180,58087	6,39656
6790	3,83186,97743	6,39562
6791	3,83193,37305	6,39467
6792	3,83199,76772	6,39374
6793	3,83206,16146	6,39279
6794	3,83212,55425	6,39186
6795	3,83218,94611	6,39091
6796	3,83225,33702	6,38997
6797	3,83231,72699	6,38903
6798	3,83238,11602	6,38810
6799	3,83244,50412	6,38715
6800	3,83250,89127	6,38621

Num.	Logarithmi	Differ.
6801	3,83257,27748	6,38528
6802	3,83263,66276	6,38434
6803	3,83270,04710	6,38339
6804	3,83276,43049	6,38246
6805	3,83282,81295	6,38153
6806	3,83289,19448	6,38058
6807	3,83295,57506	6,37965
6808	3,83301,95471	6,37871
6809	3,83308,33342	6,37777
6810	3,83314,71119	6,37684
6811	3,83321,08803	6,37590
6812	3,83327,46393	6,37496
6813	3,83333,83889	6,37403
6814	3,83340,21292	6,37310
6815	3,83346,58602	6,37216
6816	3,83352,95818	6,37122
6817	3,83359,32940	6,37029
6818	3,83365,69969	6,36935
6819	3,83372,06904	6,36843
6820	3,83378,43747	6,36748
6821	3,83384,80495	6,36656
6822	3,83391,17151	6,36562
6823	3,83397,53713	6,36469
6824	3,83403,90182	6,36375
6825	3,83410,26557	6,36282
6826	3,83416,62839	6,36190
6827	3,83422,99029	6,36095
6828	3,83429,35124	6,36003
6829	3,83435,71127	6,35910
6830	3,83442,07037	6,35816
6831	3,83448,42853	6,35724
6832	3,83454,78577	6,35630
6833	3,83461,14207	6,35538
6834	3,83467,49745	6,35444
6835	3,83473,85189	6,35351
6836	3,83480,20540	6,35259
6837	3,83486,55799	6,35166
6838	3,83492,90965	6,35072
6839	3,83499,26037	6,34980
6840	3,83505,61017	6,34887
6841	3,83511,05904	6,34794
6842	3,83518,30698	6,34702
6843	3,83524,65400	6,34609
6844	3,83531,00009	6,34516
6845	3,83537,34525	6,34423
6846	3,83543,68948	6,34331
6847	3,83550,03279	6,34238
6848	3,83556,37517	6,34145
6849	3,83562,71662	6,34053
6850	3,83569,05715	6,33960

Num.	Logarithmi	Differ.
6851	3,83575,39675	6,33868
6852	3,83581,73543	6,33775
6853	3,83588,07318	6,33683
6854	3,83594,41001	6,33590
6855	3,83600,74591	6,33498
6856	3,83607,08089	6,33406
6857	3,83613,41495	6,33313
6858	3,83619,74808	6,33221
6859	3,83626,08029	6,33128
6860	3,83632,41157	6,33036
6861	3,83638,74193	6,32944
6862	3,83645,07137	6,32852
6863	3,83651,39989	6,32759
6864	3,83657,72748	6,32668
6865	3,83664,05416	6,32575
6866	3,83670,37991	6,32483
6867	3,83676,70474	6,32391
6868	3,83683,02865	6,32299
6869	3,83689,35164	6,32207
6870	3,83695,67371	6,32114
6871	3,83701,99485	6,32023
6872	3,83708,31508	6,31931
6873	3,83714,63439	6,31839
6874	3,83720,95278	6,31747
6875	3,83727,27025	6,31655
6876	3,83733,58680	6,31563
6877	3,83739,90243	6,31472
6878	3,83746,21715	6,31379
6879	3,83752,53094	6,31288
6880	3,83758,84382	6,31196
6881	3,83765,15578	6,31105
6882	3,83771,46683	6,31013
6883	3,83777,77696	6,30921
6884	3,83784,08617	6,30829
6885	3,83790,39446	6,30738
6886	3,83796,70184	6,30646
6887	3,83803,00830	6,30554
6888	3,83809,31384	6,30464
6889	3,83815,61848	6,30371
6890	3,83821,92219	6,30280
6891	3,83828,22499	6,30189
6892	3,83834,52688	6,30097
6893	3,83840,82785	6,30006
6894	3,83847,12791	6,29914
6895	3,83853,42705	6,29823
6896	3,83859,72528	6,29732
6897	3,83866,02260	6,29640
6898	3,83872,31900	6,29549
6899	3,83878,61449	6,29458
6900	3,83884,90907	6,29367

Num.	Logarithmi	Differ.
6901	3,83891,20274	6,29276
6902	3,83897,49550	6,29184
6903	3,83903,78734	6,29093
6904	3,83910,07827	6,29002
6905	3,83916,36829	6,28911
6906	3,83922,65740	6,28820
6907	3,83928,94560	6,28729
6908	3,83935,23289	6,28638
6909	3,83941,51927	6,28547
6910	3,83947,80474	6,28456
6911	3,83954,08930	6,28365
6912	3,83960,37295	6,28274
6913	3,83966,65569	6,28183
6914	3,83972,93752	6,28092
6915	3,83979,21844	6,28002
6916	3,83985,49846	6,27911
6917	3,83991,77757	6,27820
6918	3,83998,05577	6,27729
6919	3,84004,33306	6,27639
6920	3,84010,60945	6,27547
6921	3,84016,88492	6,27458
6922	3,84023,15950	6,27366
6923	3,84029,43316	6,27276
6924	3,84035,70592	6,27185
6925	3,84041,97777	6,27095
6926	3,84048,24872	6,27004
6927	3,84054,51876	6,26914
6928	3,84060,78790	6,26823
6929	3,84067,05613	6,26733
6930	3,84073,32346	6,26642
6931	3,84079,58988	6,26552
6932	3,84085,85540	6,26462
6933	3,84092,12002	6,26371
6934	3,84098,38373	6,26281
6935	3,84104,64654	6,26191
6936	3,84110,90845	6,26100
6937	3,84117,16945	6,26010
6938	3,84123,42955	6,25920
6939	3,84129,68875	6,25830
6940	3,84135,94705	6,25739
6941	3,84142,30444	6,25649
6942	3,84148,46093	6,25560
6943	3,84154,71653	6,25469
6944	3,84160,97122	6,25379
6945	3,84167,22501	6,25289
6946	3,84173,47790	6,25199
6947	3,84179,72989	6,25109
6948	3,84185,98098	6,25019
6949	3,84192,23117	6,24929
6950	3,84198,48046	6,24839

Num.	Logarithmi	Differ.
6951	3,84204,72885	6,24749
6952	3,84210,97634	6,24660
6953	3,84217,22294	6,24569
6954	3,84223,46863	6,24480
6955	3,84229,71343	6,24390
6956	3,84235,95733	6,24301
6957	3,84243,20034	6,24210
6958	3,84248,44244	6,24121
6959	3,84254,68365	6,24031
6960	3,84260,92396	6,23942
6961	3,84267,16338	6,23851
6962	3,84273,40189	6,23763
6963	3,84279,63952	6,23672
6964	3,84285,87624	6,23584
6965	3,84292,11208	6,23493
6966	3,84298,34701	6,23404
6967	3,84304,58105	6,23315
6968	3,84310,81420	6,23225
6969	3,84317,04645	6,23136
6970	3,84323,27781	6,23046
6971	3,84329,50827	6,22957
6972	3,84335,73784	6,22868
6973	3,84341,96652	6,22778
6974	3,84348,19430	6,22689
6975	3,84354,42119	6,22600
6976	3,84360,64719	6,22511
6977	3,84366,87230	6,22421
6978	3,84373,09651	6,22332
6979	3,84379,31983	6,22243
6980	3,84385,54226	6,22154
6981	3,84391,76380	6,22065
6982	3,84397,98445	6,21975
6983	3,84404,20420	6,21887
6984	3,84410,42307	6,21798
6985	3,84416,64105	6,21708
6986	3,84422,85813	6,21620
6987	3,84429,07433	6,21530
6988	3,84435,28963	6,21442
6989	3,84441,50405	6,21352
6990	3,84447,71757	6,21264
6991	3,84453,93021	6,21175
6992	3,84460,14196	6,21086
6993	3,84466,35282	6,20998
6994	3,84472,56280	6,20908
6995	3,84478,77188	6,20820
6996	3,84484,98008	6,20731
6997	3,84491,18739	6,20642
6998	3,84497,39381	6,20554
6999	3,84503,59935	6,20465
7000	3,84509,80400	6,20376

Num.	Logarithmi	Differ.
7001	3,84516,00777	6,20287
7002	3,84522,21064	6,20199
7003	3,84528,41263	6,20111
7004	3,84534,61374	6,20022
7005	3,84540,81396	6,19934
7006	3,84547,01330	6,19845
7007	3,84553,21175	6,19757
7008	3,84559,40932	6,19668
7009	3,84565,60600	6,19580
7010	3,84571,80180	6,19491
7011	3,84577,99671	6,19403
7012	3,84584,19074	6,19315
7013	3,84590,38389	6,19226
7014	3,84596,57615	6,19139
7015	3,84602,76754	6,19050
7016	3,84608,95804	6,18961
7017	3,84615,14765	6,18874
7018	3,84621,33639	6,18785
7019	3,84627,52424	6,18697
7020	3,84633,71121	6,18609
7021	3,84639,89730	6,18521
7022	3,84646,08251	6,18433
7023	3,84652,26684	6,18345
7024	3,84658,45029	6,18257
7025	3,84664,63286	6,18169
7026	3,84670,81455	6,18080
7027	3,84676,99535	6,17993
7028	3,84683,17528	6,17905
7029	3,84689,35433	6,17817
7030	3,84695,53250	6,17729
7031	3,84701,70979	6,17642
7032	3,84707,88621	6,17553
7033	3,84714,06174	6,17466
7034	3,84720,23640	6,17378
7035	3,84726,41018	6,17290
7036	3,84732,58308	6,17202
7037	3,84738,75510	6,17115
7038	3,84744,92625	6,17027
7039	3,84751,09652	6,16939
7040	3,84757,26591	6,16852
7041	3,84763,43443	6,16764
7042	3,84769,60207	6,16677
7043	3,84775,76884	6,16589
7044	3,84781,93473	6,16501
7045	3,84788,09974	6,16414
7046	3,84794,26388	6,16327
7047	3,84800,42715	6,16239
7048	3,84806,58954	6,16152
7049	3,84812,75106	6,16064
7050	3,84818,91170	6,15977

Num	Logarithmi	Differ.
7051	3,84825,07147	6,15889
7052	3,84831,23036	6,15802
7053	3,84837,38838	6,15715
7054	3,84843,54553	6,15628
7055	3,84849,70181	6,15540
7056	3,84855,85721	6,15453
7057	3,84862,01174	6,15366
7058	3,84868,16540	6,15279
7059	3,84874,31819	6,15192
7060	3,84880,47011	6,15104
7061	3,84886,62115	6,15017
7062	3,84892,77132	6,14931
7063	3,84898,92063	6,14843
7064	3,84905,06906	6,14756
7065	3,84911,21662	6,14669
7066	3,84917,36331	6,14582
7067	3,84923,50913	6,14495
7068	3,84929,65408	6,14409
7069	3,84935,79817	6,14321
7070	3,84941,94138	6,14234
7071	3,84948,08372	6,14148
7072	3,84954,22520	6,14061
7073	3,84960,36581	6,13974
7074	3,84966,50555	6,13887
7075	3,84972,64442	6,13800
7076	3,84978,78242	6,13714
7077	3,84984,91956	6,13627
7078	3,84991,05583	6,13540
7079	3,84997,19123	6,13454
7080	3,85003,32577	6,13367
7081	3,85009,45944	6,13280
7082	3,85015,59224	6,13194
7083	3,85021,72418	6,13107
7084	3,85027,85525	6,13021
7085	3,85033,98546	6,12934
7086	3,85040,11480	6,12848
7087	3,85046,24328	6,12761
7088	3,85052,37089	6,12675
7089	3,85058,49764	6,12588
7090	3,85064,62352	6,12502
7091	3,85070,74854	6,12415
7092	3,85076,87269	6,12329
7093	3,85082,99598	6,12243
7094	3,85089,11841	6,12157
7095	3,85095,23998	6,12070
7096	3,85101,36068	6,11984
7097	3,85107,48052	6,11898
7098	3,85113,59950	6,11812
7099	3,85119,71762	6,11725
7100	3,85125,83487	6,11639

Num.	Logarithmi	Differ.
7101	3,85131,95126	6,11554
7102	3,85138,06680	6,11467
7103	3,85144,18147	6,11381
7104	3,85150,29528	6,11295
7105	3,85156,40823	6,11209
7106	3,85162,52032	6,11122
7107	3,85168,63154	6,11037
7108	3,85174,74191	6,10951
7109	3,85180,85142	6,10865
7110	3,85186,96007	6,10779
7111	3,85193,06786	6,10694
7112	3,85199,17480	6,10607
7113	3,85205,28087	6,10521
7114	3,85211,38608	6,10436
7115	3,85217,49044	6,10350
7116	3,85223,59394	6,10264
7117	3,85229,69658	6,10169
7118	3,85235,79837	6,10092
7119	3,85241,89929	6,10007
7120	3,85247,99936	6,09922
7121	3,85254,09858	6,09835
7122	3,85260,19693	6,09750
7123	3,85266,29443	6,09665
7124	3,85272,39108	6,09579
7125	3,85278,48687	6,09493
7126	3,85284,58180	6,09408
7127	3,85290,67588	6,09322
7128	3,85296,76910	6,09237
7129	3,85302,86147	6,09152
7130	3,85308,95299	6,09065
7131	3,85315,04364	6,08981
7132	3,85321,13345	6,08895
7133	3,85327,22240	6,08810
7134	3,85333,31050	6,08725
7135	3,85339,39775	6,08639
7136	3,85345,48414	6,08554
7137	3,85351,56968	6,08468
7138	3,85357,65436	6,08384
7139	3,85363,73820	6,08298
7140	3,85369,82118	6,08213
7141	3,85375,90331	6,08128
7142	3,85381,98459	6,08042
7143	3,85388,06501	6,07958
7144	3,85394,14459	9,07872
7145	3,85400,22331	6,07788
7146	3,85406,30119	6,07702
7147	3,85412,37821	6,07617
7148	3,85418,45438	6,07533
7149	3,85424,52971	6,07447
7150	3,85430,60418	6,07362

Num.	Logarithmi	Differ.
7151	3,85436,67780	6,07278
7152	3,85442,75058	6,07192
7153	3,85448,82250	6,07108
7154	3,85454,89358	6,07023
7155	3,85460,96381	6,06938
7156	3,85467,03319	6,06853
7157	3,85473,10172	6,06769
7158	3,85479,16941	6,06683
7159	3,85485,23624	6,06599
7160	3,85491,30223	6,06514
7161	3,85497,36737	6,06430
7162	3,85503,43167	6,06345
7163	3,85509,49512	6,06260
7164	3,85515,55772	6,06175
7165	3,85521,61947	6,06091
7166	3,85527,68038	6,06007
7167	3,85533,74045	6,05922
7168	3,85539,79967	6,05837
7169	3,85545,85804	6,05753
7170	3,85551,91557	6,05668
7171	3,85557,97225	6,05584
7172	3,85564,02809	6.05499
7173	3,85570,08308	6,05415
7174	3,85576,13723	6,05331
7175	3,85582,19054	6,05246
7176	3,85588,24300	6,05162
7177	3,85594,29462	6,05078
7178	3,85600,34540	6,04993
7179	3,85606,39533	6,04909
7180	3,85612,44442	6,04825
7181	3,85618,49267	6,04741
7182	3,85624,54008	6,04656
7183	3,85630,58664	6,04573
7184	3,85636,63237	6,04488
7185	3,85642,67725	6,04404
7186	3,85648,72129	6,04320
7187	3,85654,76449	6,04235
7188	3,85660,80684	6,04152
7189	3,85666,84836	6,04068
7190	3,85672,88904	6,03984
7191	3,85678,92888	6,03899
7192	3,85684,96787	6,03816
7193	3,85691,00603	6,03732
7194	3,85697,04335	6,03648
7195	3,85703,07983	6,03564
7196	3,85709,11547	6,03480
7197	3,85715,15027	6,03396
7198	3,85721,18423	6,03313
7199	3,85727,21736	6,03228
7200	3,85733,24964	6,03145

Chilias 8.

Num.	Logarithmi	Differ.
7201	3,85739,28109	6,03061
7202	3,85745,31170	6,02978
7203	3,85751,34148	6,02893
7204	3,85757,37041	6,02811
7205	3,85763,39852	6,02726
7206	3,85769,42578	6,02643
7207	3,85775,45221	6,02559
7208	3,85781,47780	6,02475
7209	3,85787,50255	6,02392
7210	3,85793,52647	6,02309
7211	3,85799,54956	6,02225
7212	3,85805,57181	6,02141
7213	3,85811,59322	6,02058
7214	3,85817,61380	6,01974
7215	3,85823,63354	6,01891
7216	3,85829,65245	6,01808
7217	3,85835,67053	6,01724
7218	3,85841,68777	6,01641
7219	3,85847,70418	6,01558
7220	3,85853,71976	6,01474
7221	3,85859,73450	6,01391
7222	3,85865,74841	6,01308
7223	3,85871,76149	6,01224
7224	3,85877,77373	6,01141
7225	3,85883,78514	6,01058
7226	3,85889,79572	6,00975
7227	3,85895,80547	6,00892
7228	3,85901,81439	6,00808
7229	3,85907,82247	6,00726
7230	3,85913,82973	6,00642
7231	3,85919,83615	6,00560
7232	3,85925,84175	6,00476
7233	3,85931,84651	6,00393
7234	3,85937,85044	6,00311
7235	3,85943,85355	6,00227
7236	3,85949,85582	6,00144
7237	3,85955,85726	6,00062
7238	3,85961,85788	5,99978
7239	3,85967,85766	5,99896
7240	3,85973,85662	5,99813
7241	3,85979,85475	5,99730
7242	3,85985,85205	5,99647
7243	3,85991,84852	5,99564
7244	3,85997,84416	5,99482
7245	3,86003,83898	5,99399
7246	3,86009,83297	5,99316
7247	3,86015,82613	5,99234
7248	3,86021,81847	5,99151
7249	3,86027,80998	5,99068
7250	3,86033,80066	5,98985

Chilias 8.

Num.	Logarithmi	Differ.
7251	3,86039,79051	5,98903
7252	3,86045,77954	5,98821
7253	3,86051,76775	5,98737
7254	3,86057,75512	5,98656
7255	3,86063,74168	5,98573
7256	3,86069,72741	5,98490
7257	3,86075,71231	5,98408
7258	3,86081,69639	5,98325
7259	3,86087,67964	5,98243
7260	3,86093,66207	5,98161
7261	3,86099,64368	5,98078
7262	3,86105,62446	5,97996
7263	3,86111,60442	5,97913
7264	3,86117,58355	5,97831
7265	3,86123,56186	5,97749
7266	3,86129,53935	5,97667
7267	3,86135,51602	5,97584
7268	3,86141,49186	5,97503
7269	3,86147,46689	5,97420
7270	3,86153,44109	5,97337
7271	3,86159,41446	5,97256
7272	3,86165,38702	5,97174
7273	3,86171,35876	5,97091
7274	3,86177,32967	5,97010
7275	3,86183,29977	5,96927
7276	3,86189,26904	5,96845
7277	3,86195,23749	5,96764
7278	3,86201,20513	5,96681
7279	3,86207,17194	5,96599
7280	3,86213,13793	5,96518
7281	3,86219,10311	5,96435
7282	3,86225,06746	5,96354
7283	3,86231,03100	5,96271
7284	3,86236,99371	5,96190
7285	3,86242,95561	5,96108
7286	3,86248,91669	5,96026
7287	3,86254,87695	5,95945
7288	3,86260,83640	5,95862
7289	3,86266,79502	5,95781
7290	3,86272,75283	5,95699
7291	3,86278,70982	5,95618
7292	3,86284,66600	5,95536
7293	3,86290,62136	5,95454
7294	3,86296,57590	5,95372
7295	3,86302,52962	5,95291
7296	3,86308,48253	5,95210
7297	3,86314,43463	5,95127
7298	3,86320,38590	5,95047
7299	3,86326,33637	5,94964
7300	3,86332,28601	5,94883

Chilias 8.

Num.	Logarithmi	Differ.
7301	3,86338,23484	5,94802
7302	3,86344,18286	5,94720
7303	3,86350,13006	5,94639
7304	3,86356,07645	5,94558
7305	3,86362,02203	5,94476
7306	3,86367,96679	5,94394
7307	3,86373,91073	5,94314
7308	3,86379,85387	5,94232
7309	3,86385,79619	5,94151
7310	3,86391,73770	5,94069
7311	3,86397,67839	5,93988
7312	3,86403,61827	5,93907
7313	3,86409,55734	5,93826
7314	3,86415,49560	5,93745
7315	3,86421,43305	5,93663
7316	3,86427,36968	5,93582
7317	3,86433,30550	5,93502
7318	3,86439,24052	5,93420
7319	3,86445,17472	5,93339
7320	3,86451,10811	5,93258
7321	3,86457,04069	5,93176
7322	3,86462,97245	5,93096
7323	3,86468,90341	5,93015
7324	3,86474,83356	5,92934
7325	3,86480,76290	5,92853
7326	3,86486,69143	5,92772
7327	3,86492,61915	5,92692
7328	3,86498,54607	5,92610
7329	3,86504,47217	5,92529
7330	3,86510,39746	5,92449
7331	3,86516,32195	5,92368
7332	3,86522,24563	5,92287
7333	3,86528,16850	5,92206
7334	3,86534,09056	5,92126
7335	3,86540,01182	5,92045
7336	3,86545,93227	5,91964
7337	3,86551,85191	5,91883
7338	3,86557,77074	5,91803
7339	3,86563,68877	5,91722
7340	3,86569,60599	5,91642
7341	3,86575,52241	5,91561
7342	3,86581,43802	5,91480
7343	3,86587,35282	5,91400
7344	3,86593,26682	5,91319
7345	3,86599,18001	5,91239
7346	3,86605,09240	5,91158
7347	3,86611,00398	5,91078
7348	3,86616,91476	5,90998
7349	3,86622,82474	5,90917
7350	3,86628,73391	5,90836

Num.	Logarithmi	Differ.
7351	3,86634,64227	5,90757
7352	3,86640,54984	5,90676
7353	3,86646,45660	5,90595
7354	3,86652,36255	5,90516
7355	3,86658,26771	5,90435
7356	3,86664,17206	5,90354
7357	3,86670,07560	5,90275
7358	3,86675,97835	5,90194
7359	3,86681,88029	5,90114
7360	3,86687,78143	5,90034
7361	3,86693,68177	5,89954
7362	3,86699,58131	5,89874
7363	3,86705,48005	5,89793
7364	3,86711,37798	5,89714
7365	3,86717,27512	5,89633
7366	3,86723,17145	5,89554
7367	3,86729,06699	5,89473
2368	3,86734,96172	5,89393
7369	3,86740,85565	5,89314
7370	3,86746,74879	5,89233
7371	3,86752,64112	5,89153
7372	3,86758,53265	5,89074
7373	3,86764,42339	5,88994
7374	3,86770,31333	5,88914
7375	3,86776,20247	5,88833
7376	3,86782,09080	5,88755
7377	3,86787,97835	5,88674
7378	3,86793,86509	5,88594
7379	3,86799,75103	5,88515
7380	3,86805,63618	5,88435
7381	3,86811,52053	5,88356
7382	3,86817,40409	5,88275
7383	3,86823,28684	5,88196
7384	3,86829,16880	5,88116
7385	3,86835,04996	5,88037
7386	3,86840,93033	5,87957
7387	3,86846,80990	5,87878
7388	3,86852,68868	5,87798
7389	3,86858,56666	5,87718
7390	3,86864,44384	5,87639
7391	3,86870,32023	5,87559
7392	3,86676,19582	5,87480
7393	3,86882,07062	5,87400
7394	3,86887,94462	5,87321
7395	3,86893,81783	5,87242
7396	3,86899,69025	5,87162
7397	3,86905,56187	5,87083
7398	3,86911,43270	5,87003
7399	3,86917,30273	5,86924
7400	3,86923,17197	5,86845

Num.	Logarithmi	Differ.
7401	3,86929,04042	5,86766
7402	3,86934,90808	5,86686
7403	3,86940,77494	5,86607
7404	3,86946,64101	5,86528
7405	3,86952,50629	5,86448
7406	3,86958,37077	5,86370
7407	3,86964,23447	5,86290
7408	3,86970,09737	5,86211
7409	3,86975,95948	5,86132
7410	3,86981,82080	5,86053
7411	3,86987,68133	5,85973
7412	3,86993,54106	5,85895
7413	3,86999,40001	5,85816
7414	3,87005,25817	5,85737
7415	3,87011,11554	5,85657
7416	3,87016,97211	5,85579
7417	3,87022,82790	5,85500
7418	3,87028,68290	5,85421
7419	3,87034,53711	5,85342
7420	3,87040,39053	5,85263
7421	3,87046,24316	5,85184
7422	3,87052,09500	5,85106
7423	3,87057,94606	5,85026
7424	3,87063,79632	5,84948
7425	3,87069,64580	5,84869
7426	3,87075,49449	5,84790
7427	3,87081,34239	5,84712
7428	3,87087,18951	5,84632
7429	3,87093,03583	5,84555
7430	3,87098,88138	5,84475
7431	3,87104,72613	5,84397
7432	3,87110,57010	5,84318
7433	3,87116,41328	5,84240
7434	3,87122,25568	5,84161
7435	3,87128,09729	5,84082
7436	3,87133,93811	5,84004
7437	3,87139,77815	5,83925
7438	3,87145,61740	5,83847
7439	3,87151,45587	5,83768
7440	3,87157,29355	5,83690
7441	3,87163,13045	5,83612
7442	3,87168,96657	5,83533
7443	3,87174,80190	5,83455
7444	3,87180,63645	5,83376
7445	3,87186,47021	5,83298
7446	3,87192,30319	5,83219
7447	3,87198,13538	5,83142
7448	3,87203,96680	5,83063
7449	3,87209,79743	5,82984
7450	3,87215,62727	5,82907

Num.	Logarithmi	Differ.
7451	3,87221,45634	5,82828
7452	3,87227,28462	5,82750
7453	3,87233,11212	5,82672
7454	3,87238,93884	5,82594
7455	3,87244,76478	5,82515
7456	3,87250,58993	5,82438
7457	3,87256,41431	5,82359
7458	3,87262,23790	5,82282
7459	3,87268,06072	5,82203
7460	3,87273,88275	5,82125
7461	3,87279,70400	5,82047
7462	3,87285,52447	5,81969
7463	3,87291,34416	5,81891
7464	3,87297,16307	5,81814
7465	3,87302,98121	5,81735
7466	3,87308,79856	5,81657
7467	3,87314,61513	5,81580
7468	3,87320,43093	5,81501
7469	3,87326,24594	5,81424
7470	3,87332,06018	5,81346
7471	3,87337,87364	5,81268
7472	3,87343,68632	5,81191
7473	3,87349,49823	5,81112
7474	3,87355,30935	5,81035
7475	3,87361,11970	5,80957
7476	3,87366,92927	5,80879
7477	3,87372,73806	5,80802
7478	3,87378,54608	5,80724
7479	3,87384,35332	5,80647
7480	3,87390,15979	5,80568
7481	3,87395,96547	5,80492
7482	3,87401,77039	5,80413
7483	3,87407,57452	5,80336
7484	3,87413,37788	5,80259
7485	3,87419,18047	5,80181
7486	3,87424,98228	5,80103
7487	3,87430,78331	5,80026
7488	3,87436,58357	5,79949
7489	3,87442,38306	5,79871
7490	3,87448,18177	5,79794
7491	3,87453,97971	5,79716
7492	3,87459,77687	5,79639
7493	3,87465,57326	5,79562
7494	3,87471,36888	5,79484
7495	3,87477,16372	5,79407
7496	3,87482,95779	5,79329
7497	3,87488,75108	5,79253
7498	3,87494,54361	5,79175
7499	3,87500,33536	5,79098
7500	3,87506,12634	5,79021

Num.	Logarithmi	Differ.
7501	3,87511,91655	5,78943
7502	3,87517,70598	5,78867
7503	3,87523,49465	5,78789
7504	3,87529,28254	5,78712
7505	3,87535,06966	5,78635
7506	3,87540,85601	5,78558
7507	3,87546,64159	5,78480
7508	3,87552,42639	5,78404
7509	3,87558,21043	5,78327
7510	3,87563,99370	5,78250
7511	3,87569,77620	5,78173
7512	3,87575,55793	5,78095
7513	3,87581,33888	5,78019
7514	3,87587,11907	5,77942
7515	3,87592,89849	5,77865
7516	3,87598,67714	5,77788
7517	3,87604,45502	5,77712
7518	3,87610,23214	5,77634
7519	3,87616,00848	5,77558
7520	3,87621,78406	5,77481
7521	3,87627,55887	5,77404
7522	3,87633,33291	5,77327
7523	3,87639,10618	5,77251
7524	3,87644,87869	5,77174
7525	3,87650,65043	5,77097
7526	3,87656,42140	5,77020
7527	3,87662,19160	5,76944
7528	3,87667,96104	5,76867
7529	3,87673,72971	5,76791
7530	3,87679,49762	5,76714
7531	3,87685,26476	5,76637
7532	3,87691,03113	5,76561
7533	3,87696,79674	5,76485
7534	3,87702,56159	5,76408
7535	3,87708,32567	5,76331
7536	3,87714,08898	5,76255
7537	3,87719,85153	5,76178
7538	3,87725,61331	5,76102
7539	3,87731,37433	5,76026
7540	3,87737,13459	5,75949
7541	3,87742,89408	5,75873
7542	3,87748,65281	5,75796
7543	3,87754,41077	5,75720
7544	3,87760,16797	5,75644
7545	3,87765,92441	5,75568
7546	3,87771,68009	5,75491
7547	3,87777,43500	5,75415
7548	3,87783,18915	5,75339
7549	3,87788,94254	5,75262
7550	3,87794,69516	5,75187

Num.	Logarithmi	Differ.
7551	3,87800,44703	5,75110
7552	3,87806,19813	5,75034
7553	3,87811,94847	5,74958
7554	3,87817,69805	5,74882
7555	3,87823,44687	5,74805
7556	3,87829,19492	5,74730
7557	3,87834,94222	5,74654
7558	3,87840,68876	5,74578
7559	3,87846,43454	5,74501
7560	3,87852,17955	5,74426
7561	3,87857,92381	5,74349
7562	3,87863,66730	5,74274
7563	3,87869,41004	5,74198
7564	3,87875,15202	5,74122
7565	3,87880,89324	5,74046
7566	3,87886,63370	5,73970
7567	3,87892,37340	5,73894
7568	3,87898,11234	5,73818
7569	3,87903,85052	5,73743
7570	3,87909,58795	5,73667
7571	3,87915,32462	5,73591
7572	3,87921,06053	5,73515
7573	3,87926,79568	5,73440
7574	3,87932,53008	5,73364
7575	3,87938,26372	5,73288
7576	3,87943,99660	5,73212
7577	3,87949,72872	5,73137
7578	3,87955,46009	5,73062
7579	3,87961,19071	5,72985
7580	3,87966,92056	5,72910
7581	3,87972,64966	5,72835
7582	3,87978,37801	5,72759
7583	3,87984,10560	5,72683
7584	3,87989,83243	5,72608
7585	3,87995,55851	5,72533
7586	3,88001,28384	5,72457
7587	3,88007,00841	5,72381
7588	3,88012,73222	5,72306
7589	3,88018,45528	5,72231
7590	3,88024,17759	5,72155
7591	3,88029,89914	5,72080
7592	3,88035,61994	5,72005
7593	3,88041,33999	5,71929
7594	3,88047,05928	5,71854
7595	3,88052,77782	5,71779
7596	3,88058,49561	5,71703
7597	3,88064,21264	5,71628
7598	3,88069,92892	5,71553
7599	3,88075,64445	5,71478
7600	3,88081,35923	5,71402

Num.	Logarithmi	Differ.
7601	3,88087,07325	5,71328
7602	3,88092,78653	5,71252
7603	3,88098,49905	5,71177
7604	3,88104,21082	5,71102
7605	3,88109,92184	5,71027
7606	3,88115,63211	5,70952
7607	3,88121,34163	5,70876
7608	3,88127,05039	5,70802
7609	3,88132,75841	5,70727
7610	3,88138,46568	5,70651
7611	3,88144,17219	5,70577
7612	3,88149,87796	5,70502
7613	3,88155,58298	5,70427
7614	3,88161,28725	5,70352
7615	3,88166,99077	5,70277
7616	3,88172,69354	5,70202
7617	3,88178,39556	5,70127
7618	3,88184,09683	5,70053
7619	3,88189,79736	5,69977
7620	3,88195,49713	5,69903
7621	3,88201,19616	5,69828
7622	3,88206,89444	5,69754
7623	3,88212,59198	5,69678
7624	3,88218,28876	5,69604
7625	3,88223,98480	5,69529
7626	3,88229,68009	5,69455
7627	3,88235,37464	5,69380
7628	3,88241,06844	5,69305
7629	3,88246,76149	5,69231
7630	3,88252,45380	5,69156
7631	3,88258,14536	5,69081
7632	3,88263,83617	5,69007
7633	3,88269,52624	5,68932
7634	3,88275,21556	5,68858
7635	3,88280,90414	5,68783
7636	3,88286,59197	5,68709
7637	3,88292,27906	5,68634
7638	3,88297,96540	5,68560
7639	3,88303,65100	5,68486
7640	3,88309,33586	5,68411
7641	3,88315,01997	5,68337
7642	3,88320,70334	5,68262
7643	3,88326,38596	5,68188
7644	3,88332,06784	5,68113
7645	3,88337,74897	5,68040
7646	3,88343,42937	5,67965
7647	3,88349,10902	5,67891
7648	3,88354,78793	5,67816
7649	3,88360,46609	5,67743
7650	3,88366,14352	5,67668

 Chilias 8. Chilias 8.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
7651	3,88371,82020	5,67594	7701	3,88654,71234	5,63909	7751	3,88935,77369	5,60271
7652	3,88377,49614	5,67519	7702	3,88660,35143	5,63836	7752	3,88941,37640	5,60200
7653	3,88383,17133	5,67446	7703	3,88665,98979	5,63762	7753	3,88946,97840	5,60127
7654	3,88388,84579	5,67371	7704	3,88671,62741	5,63690	7754	3,88952,57967	5,60054
7655	3,88394,51950	5,67298	7705	3,88677,26431	5,63616	7755	3,88958,18021	5,59983
7656	3,88400,19248	5,67223	7706	3,88682,90047	5,63543	7756	3,88963,78004	5,59910
7657	3,88405,86471	5,67149	7707	3,88688,53590	5,63470	7757	3,88969,37914	5,59839
7658	3,88411,53620	5,67075	7708	3,88694,17060	5,63397	7758	3,88974,97753	5,59766
7659	3,88417,20695	5,67001	7709	3,88699,80457	5,63324	7759	3,88980,57519	5,59694
7660	3,88422,87696	5,66927	7710	3,88705,43781	5,63250	7760	3,88986,17213	5,59621
7661	3,88428,54623	5,66853	7711	3,88711,07031	5,63178	7761	3,88991,76834	5,59550
7662	3,88434,21476	5,66780	7712	3,88716,70209	5,63105	7762	3,88997,36384	5,59478
7663	3,88439,88256	5,66705	7713	3,88722,33314	5,63031	7763	3,89002,95862	5,59405
7664	3,88445,54961	5,66631	7714	3,88727,96345	5,62959	7764	3,89008,55267	5,59334
7665	3,88451,21592	5,66557	7715	3,88733,59304	5,62886	7765	3,89014,14601	5,59261
7666	3,88456,88149	5,66484	7716	3,88739,22190	5,62812	7766	3,89019,73862	5,59190
7667	3,88462,54633	5,66409	7717	3,88744,85002	5,62740	7767	3,89025,33052	5,59117
7668	3,88468,21042	5,66336	7718	3,88750,47742	5,62667	7768	3,89030,92169	5,59045
7669	3,88473,87378	5,66261	7719	3,88756,10409	5,62594	7769	3,89036,51214	5,58974
7670	3,88479,53639	5,66188	7720	3,88761,73003	5,62522	7770	3,89042,10188	5,58902
7671	3,88485,19827	5,66115	7721	3,88767,35525	5,62448	7771	3,89047,69090	5,58829
7672	3,88490,85942	5,66040	7722	3,88772,97973	5,62375	7772	3,89053,27919	5,58758
7673	3,88496,51982	5,65967	7723	3,88778,60348	5,62303	7773	3,89058,86677	5,58686
7674	3,88502,17949	5,65892	7724	3,88784,22651	5,62230	7774	3,89064,45363	5,58614
7675	3,88507,83841	5,65820	7725	3,88789,84881	5,62157	7775	3,39070,03977	5,58542
7676	3,88513,49661	5,65745	7726	3,88795,47038	5,62084	7776	3,89075,62519	5,58471
7677	3,88519,15406	5,65672	7727	3,88801,09122	5,62012	7777	3,89081,20990	5,58398
7678	3,88524,81078	5,65598	7728	3,88806,71134	5,61939	7778	3,89086,79388	5,58327
7679	3,88530,46676	5,65524	7729	3,88812,33073	5,61866	7779	3,89092,37715	5,58255
7680	3,88536,12200	5,65451	7730	3,88817,94939	5,61794	7780	3,89097,95970	5,58183
7681	3,88541,77651	5,65377	7731	3,88823,56733	5,61721	7781	3,89103,54153	5,58112
7682	3,88547,43028	5,65304	7732	3,88829,18454	5,61648	7782	3,89109,12265	5,58039
7683	3,88553,08332	5,65230	7733	3,88834,80102	5,61575	7783	3,89114,70304	5,57969
7684	3,88558,73562	5,65156	7734	3,88840,41677	5,61503	7784	3,89120,28273	5,57896
7685	3,88564,38718	5,65083	7735	3,88846,03180	5,61431	7785	3,89125,86169	5,57825
7686	3,88570,03801	5,65010	7736	3,88851,64611	5,61358	7786	3,89131,43994	5,57753
7687	3,88575,68811	5,64936	7737	3,88857,25969	5,61285	7787	3,89137,01747	5,57681
7688	3,88581,33747	5,64862	7738	3,88862,87254	5,61213	7788	3,89142,59428	5,57610
7689	3,88586,98609	5,64789	7739	3,88868,48467	5,61140	7789	3,89148,17038	5,57539
7690	3,88592,63398	5,64716	7740	3,88874,09607	5,61068	7790	3,89153,74577	5,57466
7691	3,88598,28114	5,64642	7741	3,88879,70675	5,60995	7791	3,89159,32043	5,57396
7692	3,88603,92756	5,64568	7742	3,88885,31670	5,60923	7792	3,89164,89439	5,57323
7693	3,88609,57324	5,64496	7743	3,88890,92593	5,60850	7793	3,89170,46762	5,57253
7694	3,88615,21820	5,64422	7744	3,88896,53443	5,60778	7794	3,89176,04015	5,57180
7695	3,88620,86242	5,64348	7745	3,88902,14221	5,60706	7795	3,89181,61195	5,57109
7696	3,88626,50590	5,64276	7746	3,88907,74927	5,60633	7796	3,89187,18304	5,57038
7697	3,88632,14866	5,64202	7747	3,88913,35560	5,60560	7797	3,89192,75342	5,56967
7698	3,88637,79068	5,64128	7748	3,88918,96120	5,60489	7798	3,89198,32309	5,56894
7699	3,88643,43196	5,64056	7749	3,88924,56609	5,60416	7799	3,89203,89203	5,56824
7700	3,88649,07252	5,63982	7750	3,88930,17025	5,60344	7800	3,89209,46027	5,56752

Num.	Logarithmi	Differ.
7801	3,89215,02779	5,56681
7802	3,89220,59460	5,56609
7803	3,89226,16069	5,56538
7804	3,89231,72607	5,56467
7805	3,89237,29074	5,56396
7806	3,89242,85470	5,56324
7807	3,89248,41794	5,56253
7808	3,89253,98047	5,56181
7809	3,89259,54228	5,56111
7810	3,89265,10339	5,56039
7811	3,89270,66378	5,55968
7812	3,89276,22346	5,55897
7813	3,89281,78243	5,55826
7814	3,89287,34069	5,55755
7815	3,89292,89824	5,55683
7816	3,89298,45507	5,55613
7817	3,89304,01120	5,55541
7818	3,89309,56661	5,55470
7819	3,89315,12131	5,55400
7820	3,89320,67531	5,55328
7821	3,89326,22859	5,55257
7822	3,89331,78116	5,55186
7823	3,89337,33302	5,55116
7824	3,89342,88418	5,55044
7825	3,89348,43462	5,54974
7826	3,89353,98436	5,54902
7827	3,89359,53338	5,54832
7828	3,89365,08170	5,54761
7829	3,89370,62931	5,54690
7830	3,29376,17621	5,54619
7831	3,89381,72240	5,54548
7832	3,89387,26788	5,54477
7833	3,89392,81265	5,54407
7834	3,89398,35672	5,54336
7835	3,89403,90008	5,54265
7836	3,89409,44273	5,54195
7837	3,89414,98468	5,54123
7838	3,89420,52591	5,54053
7839	3,89426,06644	5,53983
7840	3,89431,60627	5,53912
7841	3,89437,14539	5,53841
7842	3,89442,68380	5,53770
7843	3,89448,22150	5,53700
7844	3,89453,75850	5,53629
7845	3,89459,29479	5,53559
7846	3,89464,83038	5,53488
7847	3,89470,36526	5,53418
7848	3,89475,89944	5,53347
7849	3,89481,43291	5,53276
7850	3,89486,96567	5,53207

Num.	Logarithmi	Differ.
7851	3,89492,49774	5,53135
7852	3,89498,02909	5,53066
7853	3,89503,55975	5,52994
7854	3,89509,08969	5,52925
7855	3,89514,61894	5,52854
7856	3,89520,14748	5,52783
7857	3,89525,67531	5,52714
7858	3,89531,20245	5,52643
7859	3,89536,72888	5,52572
7860	3,89542,25460	5,52503
7861	3,89547,77963	5,52432
7862	3,89553,30395	5,52362
7863	3,89558,82757	5,52291
7864	3,89564,35048	5,52222
7865	3,89569,87270	5,52151
7866	3,89575,39421	5,52081
7867	3,89580,91502	5,52010
7868	3,89586,43512	5,51941
7869	3,89591,95453	5,51871
7870	3,89597,47324	5,51800
7871	3,89602,99124	5,51730
7872	3,89608,50854	5,51660
7873	3,89614,02514	5,51591
7874	3,89619,54105	5,51520
7875	3,89625,05625	5,51450
7876	3,89630,57075	5,51380
7877	3,89636,08455	5,51310
7878	3,89641,59765	5,51240
7879	3,89647,11005	5,51170
7880	3,89652,62175	5,51100
7881	3,89658,13275	5,51030
7882	3,89663,64305	5,50961
7883	3,89669,15266	5,50890
7884	3,89674,66156	5,50821
7885	3,89680,16977	5,50750
7886	3,89685,67727	5,50681
7887	3,89691,18408	5,50611
7888	3,89696,69019	5,50542
7889	3,89702,19561	5,50471
7890	3,89707,70032	5,50402
7891	3,89713,20434	5,50332
7892	3,89718,70766	5,50262
7893	3,89724,21028	5,50193
7894	3,89729,71221	5,50122
7895	3,89735,21343	5,50054
7896	3,89740,71397	5,49983
7897	3,89746,21380	5,49914
7898	3,89751,71294	5,49844
7899	3,89757,21138	5,49775
7900	3,89762,70913	5,49705

Num.	Logarithmi	Differ.
7901	3,89768,20618	5,49635
7902	3,89773,70253	5,49566
7903	3,89779,19819	5,49497
7904	3,89784,69316	5,49427
7905	3,89790,18743	5,49357
7906	3,89795,68100	5,49288
7907	3,89801,17388	5,49218
7908	3,89806,66606	5,49149
7909	3,89812,15755	5,49080
7910	3,89817,64835	5,49010
7911	3,89823,13845	5,48941
7912	3,89828,62786	5,48871
7913	3,89834,11657	5,48802
7914	3,89839,60459	5,48733
7915	3,89845,09192	5,48663
7916	3,89850,57855	5,48594
7917	3,89856,06449	5,48525
7918	3,89861,54974	5,48456
7919	3,89867,03430	5,48386
7920	3,89872,51816	5,48317
7921	3,89878,00133	5,48248
7922	3,89883,48381	5,48178
7923	3,89888,96559	5,48110
7924	3,89894,44669	5,48040
7925	3,89899,92709	5,47971
7926	3,89905,40680	5,47902
7927	3,89910,88582	5,47833
7928	3,89916,36415	5,47764
7929	3,89921,84179	5,47694
7930	3,89927,31873	5,47626
7931	3,89932,79499	5,47556
7932	3,89938,27055	5,47488
7933	3,89943,74543	5,47418
7934	3,89949,21961	5,47350
7935	3,89954,69311	5,47280
7936	3,89960,16591	5,47212
7937	3,89965,63803	5,47143
7938	3,89971,10946	5,47073
7939	3,89976,58019	5,47005
7940	3,89982,05024	5,46936
7941	3,89987,51960	5,46867
7942	3,89992,98827	5,46798
7943	3,89998,45625	5,46730
7944	3,90003,92355	5,46660
7945	3,90009,39015	5,46592
7946	3,90014,85607	5,46523
7947	3,90020,32130	5,46454
7948	3,90025,78584	5,46386
7949	3,90031,24970	5,46317
7950	3,90036,71287	5,46248

Num.	Logarithmi	Differ.
7951	3,90042,17535	5,46179
7952	3,90047,63714	5,46111
7953	3,90053,09825	5,46041
7954	3,90058,55866	5,45974
7955	3,90064,01840	5,45905
7956	3,90069,47745	5,45836
7957	3,90074,93581	5,45767
7958	3,90080,39348	5,45699
7959	3,90085,85047	5,45630
7960	3,90091,30677	5,45562
7961	3,90096,76239	5,45493
7962	3,90102,21732	5,45425
7963	3,90107,67157	5,45357
7964	3,90113,12514	5,45287
7965	3,90118,57801	5,45220
7966	3,90124,03021	5,45151
7967	3,90129,48172	5,45082
7968	3,90134,93254	5,45014
7969	3,90140,38268	5,44946
7970	3,90145,83214	5,44877
7971	3,90151,28091	5,44809
7972	3,90156,72900	5,44741
7973	3,90162,17641	5,44672
7974	3,90167,62313	5,44604
7975	3,90173,06917	5,44536
7976	3,90178,51453	5,44468
7977	3,90183,95921	5,44399
7978	3,90189,40320	5,44331
7979	3,90194,84651	5,44263
7980	3,90200,28914	5,44194
7981	3,90205,73108	5,44126
7982	3,90211,17234	5,44059
7983	3,90216,61293	5,43990
7984	3,90222,05283	5,43922
7985	3,90227,49205	5,43854
7986	3,90232,93059	5,43785
7987	3,90238,36844	5,43718
7988	3,90243,80562	5,43650
7989	3,90249,24212	5,43581
7990	3,90254,67793	5,43514
7991	3,90260,11307	5,43445
7992	3,90265,54752	5,43378
7993	3,90270,98130	5,43309
7994	3,90276,41439	5,43242
7995	3,90281,84681	5,43173
7996	3,90287,27854	5,43106
7997	3,90292,70960	5,43038
7998	3,90298,13998	5,42970
7999	3,90303,56968	5,42902
8000	3,90308,99870	5,42834

Num.	Logarithmi	Differ.
8001	3,90314,42704	5,42766
8002	3,90319,85470	5,42699
8003	3,90325,28169	5,42631
8004	3,90330,70800	5,42563
8005	3,90336,13363	5,42494
8006	3,90341,55857	5,42428
8007	3,90346,98285	5,42360
8008	3,90352,40645	5,42291
8009	3,90357,82936	5,42225
8010	3,90363,25161	5,42156
8011	3,90368,67317	5,42089
8012	3,90374,09406	5,42021
8013	3,90379,51427	5,41954
8014	3,90384,93381	5,41886
8015	3,90390,35267	5,41818
8016	3,90395,77085	5,41751
8017	3,90401,18836	5,41683
8018	3,90406,60519	5,41616
8019	3,90412,02135	5,41548
8020	3,90417,43683	5,41480
8021	3,90422,85163	5,41413
8022	3,90428,26576	5,41346
8023	3,90433,67922	5,41278
8024	3,90439,09200	5,41211
8025	3,90444,50411	5,41143
8026	3,90449,91554	5,41076
8027	3,90455,32630	5,41008
8028	3,90460,73638	5,40941
8029	3,90466,14579	5,40874
8030	3,90471,55453	5,40806
8031	3,90476,96259	5,40739
8032	3,90482,36998	5,40672
8033	3,90487,77670	5,40604
8034	3,90493,18274	5,40537
8035	3,90498,58811	5,40470
8036	3,90503,99281	5,40402
8037	3,90509,39683	5,40336
8038	3,90514,80019	5,40268
8039	3,90520,20287	5,40200
8040	3,90525,60487	5,40134
8041	3,90531,00621	5,40067
8042	3,90536,40688	5,39999
8043	3,90541,80687	5,39932
8044	3,90547,20619	5,39865
8045	3,90552,60484	5,39798
8046	3,90558,00282	5,39731
8047	3,90563,40013	5,39664
8048	3,90568,79677	5,39597
8049	3,90574,19274	5,39530
8050	3,90579,58804	5,39462

Num.	Logarithmi	Differ.
8051	3,90584,98266	5,39396
8052	3,90590,37662	5,39329
8053	3,90595,76991	5,39262
8054	3,90601,16253	5,39195
8055	3,90606,55448	5,39127
8056	3,90611,94575	5,39061
8057	3,90617,33636	5,38995
8058	3,90622,72631	5,38927
8059	3,90628,11558	5,38860
8060	3,90633,50418	5,38794
8061	3,90638,89212	5,38726
8062	3,90644,27938	5,38660
8063	3,90649,66598	5,38593
8064	3,90655,05191	5,38526
8065	3,90660,43717	5,38460
8066	3,90665,82177	5,38392
8067	3,90671,20569	5,38326
8068	3,90676,58895	5,38260
8069	3,90681,97155	5,38192
8070	3,90687,35347	5,38126
8071	3,90692,73473	5,38059
8072	3,90698,11532	5,37993
8073	3,90703,49525	5,37926
8074	3,90708,87451	5,37859
8075	3,90714,25310	5,37793
8076	3,90719,63103	5,37626
8077	3,90725,00729	5,37759
8078	3,90730,38488	5,37593
8079	3,90735,76081	5,37527
8080	3,90741,13608	5,37460
8081	3,90746,51068	5,37393
8082	3,90751,88461	5,37327
8083	3,90757,25788	5,37260
8084	3,90762,63048	5,37194
8085	3,90768,00242	5,37128
8086	3,90773,37370	5,37061
8087	3,90778,74431	5,36995
8088	3,90784,11426	5,36928
8089	3,90789,48354	5,36862
8090	3,90794,85216	5,36796
8091	3,90800,22012	5,36729
8092	3,90805,58741	5,36663
8093	3,90810,95404	5,36597
8094	3,90816,32001	5,36530
8095	3,90821,68531	5,36464
8096	3,90827,04995	5,36398
8097	3,90832,41393	5,36331
8098	3,90837,77724	5,36266
8099	3,90843,13990	5,36199
8100	3,90848,50189	5,36133

Num	Logarithmi	Differ.
8101	3,90853,86322	5,36066
8102	3,90859,22388	5,36001
8103	3,90864,58389	5,35935
8104	3,90869,94324	5,35868
8105	3,90875,30192	5,35802
8106	3,90880,65994	5,35736
8107	3,90886,01730	5,35670
8108	3,90891,37400	5,35604
8109	3,90896,73004	5,35538
8110	3,90902,08542	5,35472
8111	3,90907,44014	5,35406
8112	3,90912,79420	5,35340
8113	3,90918,14760	5,35274
8114	3,90923,50034	5,35208
8115	3,90928,85242	5,35142
8116	3,90934,20384	5,35076
8117	3,90939,55460	5,35010
8118	3,90944,90470	5,34944
8119	3,90950,25414	5,34878
8120	3,90955,60292	5,34813
8121	3,90960,95105	5,34747
8122	3,90966,29852	5,34680
8123	3,90971,64532	5,34615
8124	3,90976,99147	5,34550
8125	3,90982,33697	5,34483
8126	3,90987,68180	5,34418
8127	3,90993,02598	5,34351
8128	3,90998,36949	5,34287
8129	3,91003,71236	5,34220
8130	3,91009,05456	5,34155
8131	3,91014,39611	5,34089
8132	3,91019,73700	5,34023
8133	3,91025,07723	5,33958
8134	3,91030,41681	5,33892
8135	3,91035,75573	5,33826
8136	3,91041,09399	5,33761
8137	3,91046,43160	5,33695
8138	3,91051,76855	5,33630
8139	3,91057,10485	5,33564
8140	3,91062,44049	5,33498
8141	3,91067,77547	5,33433
8142	3,91073,10980	5,33368
8143	3,91078,44348	5,33302
8144	3,91083,77650	5,33236
8145	3,91089,10886	5,33171
8146	3,91094,44057	5,33106
8147	3,91099,77163	5,33040
8148	3,91105,10203	5,32975
8149	3,91110,43178	5,32909
8150	3,91115,76087	5,32844

Chilias 9.

Num.	Logarithmi	Differ.
8151	3,91121,08931	5,32779
8152	3,91126,41710	5,32713
8153	3,91131,74423	5,32648
8154	3,91137,07071	5,32583
8155	3,91142,39654	5,22517
8156	3,91147,72171	5,32452
8157	3,91153,04623	5,32387
8158	3,91158,37010	5,32321
8159	3,91163,69331	5,32257
8160	3,91169,01588	5,32191
8161	3,91174,33779	5,32125
8162	3,91179,65904	5,32061
8163	3,91184,97965	5,31995
8164	3,91190,29960	5,31931
8165	3,91195,61891	5,31865
8166	3,91200,93756	5,31800
8167	3,91206,25556	5,31735
8168	3,91211,57291	5,31670
8169	3,91216,88961	5,31604
8170	3,91222,20565	5,31540
8171	3,91227,52105	5,31475
8172	3,91232,33580	5,31409
8173	3,91238,14989	5,31345
8174	3,91243,46334	5,31279
8175	3,91248,77613	5,31215
8176	3,91254,08828	5,31150
8177	3,91259,39978	5,31084
8178	3,91264,71062	5,31020
8179	3,91270,02082	5,30955
8180	3,91275,33037	5,30890
8181	3,91280,63927	5,30825
8182	3,91285,94752	5,30760
8183	3,91291,25512	5,30695
8184	3,91296,56207	5,30630
8185	3,91301,86837	5,30566
8186	3,91307,17403	5,30501
8187	3,91312,47904	5,30436
8188	3,91317,78340	5,30371
8189	3,91323,08711	5,30307
8190	3,91328,39018	5,30241
8191	3,91333,69259	5,30177
8192	3,91338,99436	5,30113
8193	3,91344,29549	5,30047
8194	3,91349,59596	5,29983
8195	3,91354,89579	5,29918
8196	3,91360,19497	5,29854
8197	3,91365,49351	5,29789
8198	3,91370,79140	5,29724
8199	3,91376,08864	5,29660
8200	3,91381,38524	5,29595

Chilias 9.

Num.	Logarithmi	Differ.
8201	3,91386,68119	5,29531
8202	3,91391,97650	5,29466
8203	3,91397,27116	5,29401
8204	3,91402,56517	5,29337
8205	3,91407,85854	5,29272
8206	3,91413,15126	5,29208
8207	3,91418,44334	5,29144
8208	3,91423,73478	5,29079
8209	3,91429,02557	5,29014
8210	3,91434,31571	5,28950
8211	3,91439,60521	5,28886
8212	3,91444,89407	5,28821
8213	3,91450,18228	5,28757
8214	3,91455,46985	5,28693
8215	3,91460,75678	5,28628
8216	3,91466,04306	5,28564
8217	3,91471,32870	5,28499
8218	3,91476,61369	5,28435
8219	3,91481,89804	5,28371
8220	3,91487,18175	5,28307
8221	3,91492,46482	5,28242
8222	3,91497,74724	5,28179
8223	3,91503,02903	5,28114
8224	3,91508,31017	5,28049
8225	3,91513,59066	5,27986
8226	3,91518,87052	5,27921
8227	3,91524,14973	5,27857
8228	3,91529,42830	5,27793
8229	3,91534,70623	5,27729
8230	3,91539,98352	5,27665
8231	3,91545,26017	5,27601
8232	3,91550,53618	5,27536
8233	3,91555,81154	5,27473
8234	3,91561,08627	5,27408
8235	3,91566,36035	5,27344
8236	3,91571,63379	5,27281
8237	3,91576,90660	5,27216
8238	3,91582,17876	5,27153
8239	3,91587,45029	5,27088
8240	3,91592,72117	5,27024
8241	3,91597,99141	5,26961
8242	3,91603,26102	5,26896
8243	3,91608,52998	5,26833
8244	3,91613,79831	5,26769
8245	3,91619,06600	5,26705
8246	3,91624,33305	5,26641
8247	3,91629,59946	5,26577
8248	3,91634,86523	5,26513
8249	3,91640,13036	5,26449
8250	3,91645,39485	5,26386

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
8251	3,91650,65871	5,26322	8301	3,91913,04139	5,23151	8351	3,92173,84837	5,20020
8252	3,91655,92193	5,26258	8302	3,91918,27290	5,23089	8352	3,92179,04857	5,19957
8253	3,91661,18451	5,26194	8303	3,91923,50379	5,23026	8353	3,92184,24814	5,19895
8254	3,91666,44645	5,26131	8304	3,91928,73405	5,22963	8354	3,92189,44709	5,19833
8255	3,91671,70776	5,26067	8305	3,91933,96368	5,22900	8355	3,92194,64542	5,19771
8256	3,91676,96843	5,26003	8306	3,91939,19268	5,22837	8356	3,92199,84313	5,19709
8257	3,91682,22846	5,25939	8307	3,91944,42105	5,22774	8357	3,92205,04022	5,19646
8258	3,91687,48785	5,25876	8308	3,91949,64879	5,22711	8358	3,92210,23668	5,19584
8259	3,91692,74661	5,25812	8309	3,91954,87590	5,22648	8359	3,92215,43252	5,19522
8260	3,91698,00473	5,25749	8310	3,91960,10238	5,22585	8360	3,92220,62774	5,19460
8261	3,91703,26222	5,25684	8311	3,91965,32823	5,22522	8361	3,92225,82234	5,19398
8262	3,91708,51906	5,25622	8312	3,91970,55345	5,22460	8362	3,92231,01632	5,19336
8263	3,91713,77528	5,25557	8313	3,91975,77805	5,22397	8363	3,92236,20968	5,19273
8264	3,91719,03085	5,25494	8314	3,91981,00202	5,22334	8364	3,92241,40241	5,19212
8265	3,91724,28579	5,25430	8315	3,91986,22536	5,22271	8365	3,92246,59453	5,19149
8266	3,91729,54009	5,25367	8316	3,91991,44807	5,22208	8366	3,92251,78602	5,19088
8267	3,91734,79376	5,25304	8317	3,91996,67015	5,22145	8367	3,92256,97690	5,19025
8268	3,91740,04680	5,25239	8318	3,92001,89160	5,22083	8368	3,92262,16715	5,18964
8269	3,91745,29919	5,25177	8319	3,92007,11243	5,22020	8369	3,92267,35679	5,18901
8270	3,91750,55096	5,25112	8320	3,92012,33263	5,21957	8370	3,92272,54580	5,18839
8271	3,91755,80208	5,25049	8321	3,92017,55220	5,21895	8371	3,92277,73419	5,18778
8272	3,91761,05257	5,24986	8322	3,92022,77115	5,21831	8372	3,92282,92197	5,18715
8273	3,91766,30243	5,24923	8323	3,92027,98946	5,21769	8373	3,92288,10912	5,18654
8274	3,91771,55166	5,24858	8324	3,92033,20715	5,21707	8374	3,92293,29566	5,18591
8275	3,91776,80024	5,24796	8325	3,92038,42422	5,21644	8375	3,92298,48157	5,18530
8276	3,91782,04820	5,24732	8326	3,92043,64066	5,21581	8376	3,92303,66687	5,18467
8277	3,91787,29552	5,24669	8327	3,92048,85647	5,21518	8377	3,92308,85154	5,18406
8278	3,91792,54221	5,24605	8328	3,92054,07165	5,21456	8378	3,92314,03560	5,18344
8279	3,91797,78826	5,24542	8329	3,92059,28621	5,21393	8379	3,92319,21904	5,18282
8280	3,91803,03368	5,24478	8330	3,92064,50014	5,21331	8380	3,92324,40186	5,18221
8281	3,91808,27846	5,24416	8331	3,92069,71345	5,21268	8381	3,92329,58407	5,18158
8282	3,91813,52262	5,24352	8332	3,92074,92613	5,21205	8382	3,92334,76565	5,18097
8283	3,91818,76614	5,24288	8333	3,92080,13818	5,21143	8383	3,92339,94662	5,18034
8284	3,91824,00902	5,24226	8334	3,92085,34961	5,21081	8384	3,92345,12696	5,17973
8285	3,91829,25128	5,24162	8335	3,92090,56042	5,21018	8385	3,92350,30669	5,17912
8286	3,91834,49290	5,24098	8336	3,92095,77060	5,20955	8386	3,92355,48581	5,17849
8287	3,91839,73388	5,24036	8337	3,92100,98015	5,20893	8387	3,92360,66430	5,17788
8288	3,91844,97424	5,23972	8338	3,92106,18908	5,20830	8388	3,92365,84218	5,17726
8289	3,91850,21396	5,23910	8339	3,92111,39738	5,20768	8389	3,92371,01944	5,17664
8290	3,91855,45306	5,23845	8340	3,92116,60506	5,20706	8390	3,92376,19608	5,17603
8291	3,91860,69151	5,23783	8341	3,92121,81212	5,20643	8391	3,92381,37211	5,17541
8292	3,91865,92934	5,23720	8342	3,92127,01855	5,20581	8392	3,92386,54752	5,17479
8293	3,91871,16654	5,23656	8343	3,92132,22436	5,20518	8393	3,92391,72231	5,17418
8294	3,91876,40310	5,23594	8344	3,92137,42954	5,20456	8394	3,92396,89649	5,17356
8295	3,91881,63904	5,23530	8345	3,92142,63410	5,20394	8395	3,92402,07005	5,17294
8296	3,91886,87434	5,23467	8346	3,92147,83804	5,20331	8396	3,92407,24299	5,17233
8297	3,91892,10901	5,23404	8347	3,92153,04135	5,20269	8397	3,92412,41532	5,17171
8298	3,91897,34305	5,23341	8348	3,92158,24404	5,20207	8398	3,92417,58703	5,17110
8299	3,91902,57646	5,23278	8349	3,92163,44611	5,20144	8399	3,92422,75813	5,17048
8300	3,91907,80924	5,23215	8350	3,92168,64755	5,20082	8400	3,92427,92861	5,16986

Num.	Logarithmi	Differ.
8401	3,92433,09847	5,16925
8402	3,92438,26772	5,16863
8403	3,92443,43635	5,16802
8404	3,92448,60437	5,16741
8405	3,92453,77178	5,16679
8406	3,92458,93857	5,16617
8407	3,92464,10474	5,16556
8408	3,92469,27030	5,16495
8409	3,92474,43525	5,16433
8410	3,92479,59958	5,16372
8411	3,92484,76330	5,16310
8412	3,92489,92640	5,16249
8413	3,92495,08889	5,16188
8414	3,92500,25077	5,16126
8415	3,92505,41203	5,16065
8416	3,92510,57268	5,16004
8417	3,92515,73272	5,15942
8418	3,92520,89214	5,15881
8419	3,92526,05095	5,15820
8420	3,92531,20915	5,15759
8421	3,92536,36674	5,15697
8422	3,92541,52371	5,15636
8423	3,92546,68007	5,15575
8424	3,92551,83582	5,15513
8425	3,92556,99095	5,15453
8426	3,92562,14548	5,15391
8427	3,92567,29939	5,15330
8428	3,92572,45269	5,15269
8429	3,92577,60538	5,15208
8430	3,92582,75746	5,15147
8431	3,92587,90893	5,15086
8432	3,92593,05979	5,15024
8433	3,92598,21003	5,14964
8434	3,92603,35967	5,14902
8435	3,92608,50869	5,14842
8436	3,92613,65711	5,14780
8437	3,92618,80491	5,14719
8438	3,92623,95210	5,14659
8439	3,92629,09869	5,14597
8440	3,92634,24466	5,14537
8441	3,92639,39003	5,14475
8442	3,92644,53478	5,14415
8443	3,92649,67893	5,14353
8444	3,92654,82246	5,14293
8445	3,92659,96539	5,14232
8446	3,92665,10771	5,14171
8447	3,92670,24942	5,14110
8448	3,92675,39052	5,14049
8449	3,92680,53101	5,13988
8450	3,92685,67089	5,13928

Num.	Logarithmi	Differ.
8451	3,92690,81017	5,13867
8452	3,92695,94884	5,13806
8453	3,92701,08690	5,13745
8454	3,92706,22435	5,13684
8455	3,92711,36119	5,13624
8456	3,92716,49743	5,13563
8457	3,92721,63306	5,13502
8458	3,92726,76808	5,13442
8459	3,92731,90250	5,13380
8460	3,92737,03630	5,13321
8461	3,92742,16951	5,13259
8462	3,92747,30210	5,13199
8463	3,92752,43409	5,13138
8464	3,92757,56547	5,13077
8465	3,92762,69624	5,13017
8466	3,92767,82641	5,12957
8467	3,92772,95598	5,12895
8468	3,92778,08493	5,12836
8469	3,92783,21329	5,12774
8470	3,92788,34103	5,12714
8471	3,92793,46817	5,12654
8472	3,92798,59471	5,12593
8473	3,92803,72064	5,12533
8474	3,92808,84597	5,12472
8475	3,92813,97069	5,12411
8476	3,92819,09480	5,12352
8477	3,92824,21832	5,12290
8478	3,92829,34122	5,12231
8479	3,92834,46353	5,12170
8480	3,92839,58523	5,12109
8481	3,92844,70632	5,12049
8482	3,92849,82681	5,11989
8483	3,92854,94670	5,11928
8484	3,92860,06598	5,11869
8485	3,92865,18467	5,11807
8486	3,92870,30274	5,11748
8487	3,92875,42022	5,11687
8488	3,92880,53709	5,11627
8489	3,92885,65336	5,11566
8490	3,92890,76902	5,11507
8491	3,92895,88409	5,11446
8492	3,92900,99855	5,11386
8493	3,92906,11241	5,11326
8494	3,92911,22567	5,11265
8495	3,92916,33832	5,11205
8496	3,92921,45037	5,11146
8497	3,92926,56183	5,11085
8498	3,92931,67268	5,11024
8499	3,92936,78292	5,10965
8500	3,92941,89257	5,10905

Num.	Logarithmi	Differ.
8501	3,92947,00162	5,10844
8502	3,92952,11006	5,10785
8503	3,92957,21791	5,10724
8504	3,92962,32515	5,10664
8505	3,92967,43179	5,10605
8506	3,92972,53784	5,10544
8507	3,92977,64328	5,10484
8508	3,92982,74812	5,10425
8509	3,92987,85237	5,10364
8510	3,92992,95601	5,10304
8511	3,92998,05905	5,10245
8512	3,93003,16150	5,10184
8513	3,93008,26334	5,10124
8514	3,93013,36458	5,10065
8515	3,93018,46523	5,10005
8516	3,93023,56528	5,09944
8517	3,93028,66472	5,09885
8518	3,93033,76357	5,09825
8519	3,93038,86182	5,09766
8520	3,93043,95948	5,09705
8521	3,93049,05653	5,09646
8522	3,93054,15299	5,09585
8523	3,93059,24884	5,09526
8524	3,93064,34410	5,09467
8525	3,93069,43877	5,09406
8526	3,93074,53283	5,09347
8527	3,93079,62630	5,09287
8528	3,93084,71917	5,09227
8529	3,93089,81144	5,09168
8530	3,93094,90312	5,09108
8531	3,93099,99420	5,09048
8532	3,93105,08468	5,08988
8533	3,93110,17456	5,08929
8534	3,93115,26385	5,08870
8535	3,93120,35255	5,08809
8536	3,93125,44064	5,08750
8537	3,93130,52814	5,08691
8538	3,93135,61505	5,08631
8539	3,93140,70136	5,08571
8540	3,93145,78707	5,08512
8541	3,93150,87219	5,08452
8542	3,93155,95671	5,08393
8543	3,93161,04064	5,08333
8544	3,93166,12397	5,08274
8545	3,93171,20671	5,08214
8546	3,93176,28885	5,08155
8547	3,93181,37040	5,08095
8548	3,93186,45135	5,08036
8549	3,93191,53171	5,07976
8550	3,93196,61147	5,07917

Num.	Logarithmi	Differ.
8551	3,93201,69064	5,07858
8552	3,93206,76922	5,07798
8553	3,93211,84720	5,07739
8554	3,93216,92459	5,07680
8555	3,93222,00139	5,07620
8556	3,83227,07759	5,07561
8557	3,93232,15320	5,07501
8558	3,93237,22821	5,07443
8559	3,93242,30264	5,07383
8560	3,93247,37647	5,07324
8561	3,93252,44971	5,07264
8562	3,93257,52235	5,07205
8563	3,93262,59440	5,07146
8564	3,93267,66586	5,07087
8565	3,93272,73673	5,07028
8566	3,93277,80701	5,06968
8567	3,93282,87669	5,06909
8568	3,93287,94578	5,06850
8569	3,93293,01428	5,06791
8570	3,93298,08219	5,06732
8571	3,93303,14951	5,06673
8572	3,93308,21624	5,06613
8573	3,93313,28237	5,06555
8574	3,93318,34792	5,06495
8575	3,93323,41287	5,06436
8576	3,93328,47723	5,06378
8577	3,93333,54101	5,06318
8578	3,93338,60419	5,06259
8579	3,93343,66678	5,06200
8580	3,93348,72878	5,06142
8581	3,93353,79020	5,06082
8582	3,93358,85102	5,06023
8583	3,93363,91125	5,05965
8584	3,93368,97090	5,05905
8585	3,93374,02995	5,05846
8586	3,93379,08841	5,05788
8587	3,93384,14629	5,05729
8588	3,93389,20358	5,05669
8589	3,93394,26027	5,05611
8590	3,93399,31638	5,05552
8591	3,93404,37190	5,05494
8592	3,93409,42684	5,05434
8593	3,93414,48118	5,05375
8594	3,93419,53493	5,05317
8595	3,93424,58810	5,05258
8596	3,93429,64068	5,05199
8597	3,93434,69267	5,05141
8598	3,93439,74408	5,05081
8599	3,93444,79489	5,05023
8600	3,93449,84512	5,04965

Chilias 9.

Num.	Logarithmi	Differ.
8601	3,93454,89477	5,04905
8602	3,93459,94382	5,04847
8603	3,93464,99229	5,04788
8604	3,93470,04017	5,04730
8605	3,93475,08747	5,04670
8606	3,93480,13417	5,04613
8607	3,93485,18030	5,04553
8608	3,93490,22583	5,04495
8609	3,93495,27078	5,04437
8610	3,93500,31515	5,04377
8611	3,93505,35892	5,04320
8612	3,93510,40212	5,04260
8613	3,93515,44472	5,04202
8614	3,93520,48674	5,04144
8615	3,93525,52818	5,04085
8616	3,93530,56903	5,04026
8617	3,93535,60929	5,03969
8618	3,93540,64898	5,03909
8619	3,93545,68807	5,03851
8620	3,93550,72658	5,03793
8621	3,93555,76451	5,03734
8622	3,93560,80185	5,03676
8623	3,93565,83861	5,03617
8624	3,93570,87478	5,03559
8625	3,93575,91037	5,03501
8626	3,93580,94538	5,03442
8627	3,93585,97980	5,03384
8628	3,93591,01364	5,03326
8629	3,93596,04690	5,03267
8630	3,93601,07957	5,03209
8631	3,93606,11166	5,03151
8632	3,93611,14317	5,03092
8633	3,93616,17409	5,03034
8634	3,93621,20443	5,02976
8635	3,93626,23419	5,02918
8636	3,93631,26337	5,02859
8637	3,93636,29196	5,02801
8638	3,93641,31997	5,02743
8639	3,93646,34740	5,02685
8640	3,93651,37425	5,02626
8641	3,93656,40051	5,02569
8642	3,93661,42640	5,02510
8643	3,93666,45130	5,02452
8644	3,93671,47582	5,02394
8645	3,93676,49976	5,02336
8646	3,93681,52312	5,02278
8647	3,93686,54590	5,02219
8648	3,93691,56809	5,02162
8649	3,93696,58971	5,02104
8650	3,93701,61075	5,02045

Chilias 9.

Num.	Logarithmi	Differ.
8651	3,93706,63120	5,01988
8652	3,93711,65108	5,01929
8653	3,93716,67037	5,01872
8654	3,93721,68909	5,01813
8655	3,93726,70722	5,01756
8656	3,93731,72478	5,01697
8657	3,93736,74175	5,01640
8658	3,93741,75815	5,01581
8659	3,93746,77396	5,01524
8660	3,93751,78920	5,01466
8661	3,93756,80386	5,01408
8662	3,93761,81794	5,01350
8663	3,93766,83144	5,01292
8664	3,93771,84436	5,01234
8665	3,93776,85670	5,01177
8666	3,93781,86847	5,01119
8667	3,93786,87966	5,01060
8668	3,93791,89026	5,01004
8669	3,93796,90030	5,00945
8670	3,93801,90975	5,00887
8671	3,93806,91862	5,00830
8672	3,93811,92692	5,00772
8673	3,93816,93464	5,00714
8674	3,93821,94178	5,00657
8675	3,93826,94835	5,00598
8676	3,93831,95433	5,00542
8677	3,93836,95975	5,00483
8678	3,93841,96458	5,00426
8679	3,93846,96884	5,00368
8680	3,93851,97252	5,00310
8681	3,93856,97562	5,00253
8682	3,93861,97815	5,00195
8683	3,93866,98010	5,00138
8684	3,93871,98148	5,00080
8685	3,93876,98228	5,00022
8686	3,93881,98250	4,99965
8687	3,93886,98215	4,99907
8688	3,93891,93122	4,99850
8689	3,93896,97972	4,99792
8690	3,93901,97764	4,99735
8691	3,93906,97499	4,96677
8692	3,93911,47176	4,99620
8693	3,93916,96796	4,99563
8694	3,93921,96359	4,99504
8695	3,93926,95863	4,99448
8696	3,93931,95311	4,99390
8697	3,93936,94701	4,99332
8698	3,93941,94033	4,99275
8699	3,93946,93308	4,99218
8700	3,93951,92526	4,99161

Num.	Logarithmi	Differ.
8701	3,93956,91687	4,99103
8702	3,93961,90790	4,99045
8703	3,93966,89835	4,98989
8704	3,93971,88824	4,98931
8705	3,93976,87755	4,98873
8706	3,93981,86628	4,98817
8707	3,93986,85445	4,98759
8708	3,93991,84204	4,98702
8709	3,93996,82906	4,98644
8710	3,94001,81550	4,98587
8711	3,94006,80137	4,98530
8712	3,94011,78667	4,98473
8713	3,94016,77140	4,98416
8714	3,94021,75556	4,98358
8715	3,94026,73914	4,98302
8716	3,94031,72216	4,98244
8717	3,94036,70460	4,98187
8718	3,94041,68647	4,98130
8719	3,94046,66777	4,98072
8720	3,94051,64849	4,98016
8721	3,94056,62865	4,97958
8722	3,94061,60823	4,97902
8723	3,94066,58725	4,97844
8724	3,94071,56569	4,97787
8725	3,94076,54356	4,97731
8726	3,94081,52087	4,97673
8727	3,94086,49760	4,97616
8728	3,94091,47376	4,97559
8729	3,94096,44935	4,97502
8730	3,94101,42437	4,97445
8731	3,94106,39882	4,97388
8732	3,94111,37270	4,97332
8733	3,94116,34602	4,97274
8734	3,94121,31876	4,97217
8735	3,94126,29093	4,97161
8736	3,94131,26254	4,97103
8737	3,94136,23357	4,97047
8738	3,94141,20404	4,96989
8739	3,94146,17393	4,96933
8740	3,94151,14326	4,96876
8741	3,94156,11202	4,96820
8742	3,94161,08022	4,96762
8743	3,94166,04784	4,96705
8744	3,94171,01489	4,96649
8745	3,94175,98138	4,96592
8746	3,94180,94730	4,96535
8747	3,94185,91265	4,96479
8748	3,94190,87744	4,96421
8749	3,94195,84165	4,96365
8750	3,94200,80530	4,96308

Num.	Logarithmi	Differ.
8751	3,94205,76838	4,96252
8752	3,94210,73090	4,96195
8753	3,94215,69285	4,96138
8754	3,94220,65423	4,96081
8755	3,94225,61504	4,96025
8756	3,94230,57529	4,95968
8757	3,94235,53497	4,95912
8758	3,94240,49409	4,95854
8759	3,94245,45263	4,95799
8760	3,94250,41062	4,95741
8761	3,94255,36803	4,95685
8762	3,94260,32488	4,95629
8763	3,94265,28117	4,95572
8764	3,94270,23689	4,95515
8765	3,94275,19204	4,95459
8766	3,94280,14663	4,95403
8767	3,94285,10066	4,95345
8768	3,94290,05411	4,95290
8769	3,94295,00701	4,95233
8770	3,94299,95934	4,95176
8771	3,94304,91110	4,95120
8772	3,94309,86230	4,95064
8773	3,94314,81294	4,95007
8774	3,94319,76301	4,94950
8775	3,94324,71251	4,94895
8776	3,94329,66146	4,94838
8777	3,94334,60984	4,94781
8778	3,94339,55765	4,94725
8779	3,94344,50490	4,94669
8780	3,94349,45159	4,94613
8781	3,94354,39772	4,94556
8782	3,94359,34328	4,94500
8783	3,94364,28828	4,94443
8784	3,94369,23271	4,94387
8785	3,94374,17658	4,94331
8786	3,94379,11989	4,94275
8787	3,94384,06264	4,94218
8788	3,94389,00482	4,94163
8789	3,94393,94645	4,94106
8790	3,94398,88751	4,94050
8791	3,94403,82801	4,93993
8792	3,94408,76794	4,93938
8793	3,94413,70732	4,93881
8794	3,94418,64613	4,93825
8795	3,94423,58438	4,93769
8796	3,94428,52207	4,93713
8797	3,94433,45920	4,93656
8798	3,94438,39576	4,93601
8799	3,94443,33177	4,93545
8800	3,94448,26722	4,93488

Num.	Logarithmi	Differ.
8801	3,94453,20210	4,93432
8802	3,94458,13642	4,93377
8803	3,94463,07019	4,93320
8804	3,94468,00339	4,93264
8805	3,94472,93603	4,93208
8806	3,94477,86811	4,93152
8807	3,94482,79963	4,93097
8808	3,94487,73060	4,93040
8809	3,94492,66100	4,92984
8810	3,94497,59084	4,92928
8811	3,94502,52012	4,92873
8812	3,94507,44885	4,92816
8813	3,94512,37701	4,92761
8814	3,94517,30462	4,92704
8815	3,94522,23166	4,92649
8816	3,94527,15815	4,92593
8817	3,94532,08408	4,92537
8818	3,94537,00945	4,92481
8819	3,94541,93426	4,92425
8820	3,94546,85851	4,92370
8821	3,94551,78221	4,92313
8822	3,94556,70534	4,92258
8823	3,94561,62792	4,62202
8824	3,94566,54994	4,92147
8825	3,94571,47141	4,92090
8826	3,94576,39231	4,92035
8827	3,94581,31266	4,91979
8828	3,94586,23245	4,91923
8829	3,94591,15168	4,91868
8830	3,94596,07036	4,91812
8831	3,94600,98848	4,91756
8832	3,94605,40604	4,91700
8833	3,94610,82304	4,91645
8834	3,94615,73949	4,91589
8835	3,94620,65538	4,91534
8836	3,94625,57072	4,91478
8837	3,94630,48550	4,91422
8838	3,94635,39972	4,91367
8839	3,94640,31339	4,91311
8840	3,94645,22650	4,91256
8841	3,94650,13906	4,91200
8842	3,94655,05106	4,91144
8843	3,94659,96250	4,91089
8844	3,94664,87339	4,91033
8845	3,94669,78372	4,90978
8846	3,94674,69350	4,90923
8847	3,94679,60273	4,90867
8848	3,94684,51140	4,90811
8849	3,94689,41951	4,90756
8850	3,94694,32707	4,90700

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
8851	3,94699,23407	4,90646	8901	3,94943,88010	4,87889	8951	3,95187,15571	4,85164
8852	3,94704,14053	4,90589	8902	3,94948,75899	4,87835	8952	3,95192,00735	4,85110
8853	3,94709,04642	4,90534	8903	3,94953,63734	4,87779	8953	3,95196,85845	4,85055
8854	3,94713,95176	4,90479	8904	3,94958,51513	4,87725	8954	3,95201,70900	4,85002
8855	3,94718,85655	4,90424	8905	3,94963,39238	4,87670	8955	3,95206,55902	4,84947
8856	3,94723,76079	4,90368	8906	3,94968,26908	4,87615	8956	3,95211,40849	4,84893
8857	3,94728,66447	4,90312	8907	3,94973,14523	4,87561	8957	3,95216,25742	4,84839
8858	2,94733,56759	4,90258	8908	3,94978,02084	4,87505	8958	3,95221,10581	4,84785
8859	3,94738,47017	4,90202	8909	3,94982,89589	4,87451	8959	3,95225,95366	4,84731
8860	3,94743,37219	4,90147	8910	3,94987,77040	4,87397	8960	3,95230,80097	4,84676
8861	3,94748,27366	4,90091	8911	3,94992,64437	4,87341	8961	3,95235,64773	4,84623
8862	3,94753,17457	4,90036	8912	3,94997,51778	4,87287	8962	3,95240,49396	4,84568
8863	3,94758,07493	4,89981	8913	3,95002,39065	4,87233	8963	3,95245,33964	4,84515
8864	3,94762,97474	4,89925	8914	3,95007,26298	4,87177	8964	3,95250,18479	4,84460
8865	3,94767,87399	4,89871	8915	3,95012,13475	4,87123	8965	3,95255,02939	4,84406
8866	3,94772,77270	4,89815	8916	3,95017,00598	4,87068	8966	3,95259,87345	4,84353
8867	3,94777,67085	4,89759	8917	3,95021,87666	4,87014	8967	3,95264,71698	4,84298
8868	3,94782,56844	4,89705	8918	3,95026,74680	4,86959	8968	3,95269,55996	4,84244
8869	3,94787,46549	4,89649	8919	3,95031,61639	4,86905	8969	3,95274,40240	4,84190
8870	3,94792,36198	4,89594	8920	3,95036,48544	4,86850	8970	3,95279,24430	4,84137
8871	3,94797,25792	4,89539	8921	3,95041,35394	4,86795	8971	3,95284,08567	4,84082
8872	3,94802,15331	4,89484	8922	3,95046,22189	4,86741	8972	3,95288,92649	4,84029
8873	3,94807,04815	4,89429	8923	3,95051,08930	4,86686	8973	3,95293,76678	4,83974
8874	3,94811,94244	4,89373	8924	3,95055,95616	4,86632	8974	3,95298,60652	4,83921
8875	3,94816,83617	4,89319	8925	3,95060,82248	4,86577	8975	3,95303,44573	4,83866
8876	3,94821,72936	4,89263	8926	3,95065,68825	4,86523	8976	3,95308,28439	4,83813
8877	3,94826,62199	4,89208	8927	3,95070,55348	4,86468	8977	3,95313,12252	4,83759
8878	3,94831,51407	4,89153	8928	3,95075,41816	4,86414	8978	3,95317,96011	4,83705
8879	3,94836,40560	4,89098	8929	3,95080,28230	4,86359	8979	3,95322,79716	4,83651
8880	3,94841,29658	4,89043	8930	3,95085,14589	4,86305	8980	3,95327,63367	4,83597
8881	3,94846,18701	4,88987	8931	3,95090,00894	4,86250	8981	3,95332,46964	4,83543
8882	3,94851,07688	4,88933	8932	3,95094,87144	4,86196	8982	3,95337,30507	4,83490
8883	3,94855,96621	4,88878	8933	3,95099,73340	4,86141	8983	3,95342,13997	4,83436
8884	3,94860,85499	4,88822	8934	3,95104,59481	4,86087	8984	3,95346,97433	4,83381
8885	3,94865,74321	4,88768	8935	3,95109,45568	4,86033	8985	3,95351,80814	4,83329
8886	3,94870,63089	4,88713	8936	3,95114,31601	4,85978	8986	3,95356,64143	4,83274
8887	3,94875,51802	4,88657	8937	3,95119,17579	4,85924	8987	3,95361,47417	4,83220
8888	3,94880,40459	4,88603	8938	3,95124,03503	4,85870	8988	3,95366,30637	4,83167
8889	3,94885,29062	4,88548	8939	3,95128,89373	4,85815	8989	3,95371,13804	4,83113
8890	3,94890,17610	4,88492	8940	3,95133,75188	4,85761	8990	3,95375,96917	4,83060
8891	3,94895,06102	4,88438	8941	3,95138,60949	4,85706	8991	3,95380,79977	4,83005
8892	3,94899,94540	4,88383	8942	3,95143,46655	4,85653	8992	3,95385,62982	4,82952
8893	3,94904,82923	4,88328	8943	3,95148,32308	4,85597	8993	3,95390,45934	4,82898
8894	3,94909,71251	4,88273	8944	3,95153,17905	4,85544	8994	3,95395,28832	4,82845
8895	3,94914,59524	4,88218	8945	3,95158,03449	4,85489	8995	3,95400,11677	4,82791
8896	3,94919,47742	4,88164	8946	3,95162,88938	4,85435	8996	3,95404,94468	4,82737
8897	3,94924,35906	4,88108	8947	3,95167,74373	4,85381	8997	3,95409,77205	4,82683
8898	3,94929,24014	4,88054	8948	3,95172,59754	4,85327	8998	3,95414,59888	4,82630
8899	3,94934,12068	4,87998	8949	3,95177,45081	4,85272	8999	3,95419,42518	4,82576
8900	3,94939,00066	4,87944	8950	3,95182,30353	4,85218	9000	3,95424,25094	4,82523

Num.	Logarithmi	Differ.
9001	3,95429,07617	4,82469
9002	3,95433,90086	4,82415
9003	3,95438,72501	4,82362
9004	3,95443,54863	4,82309
9005	3,95448,37172	4,82254
9006	3,95453,19426	4,82201
9007	3,95458,01627	4,82148
9008	3,95462,83775	4,82094
9009	3,95467,65869	4,82041
9010	3,95472,47910	4,81987
9011	3,95477,29897	4,81934
9012	3,95482,11831	4,81880
9013	3,95486,93711	4,81826
9014	3,95491,75537	4,81774
9015	3,95496,57311	4,81719
9016	3,95501,39030	4,81667
9017	3,95506,20697	4,81613
9018	3,95511,02310	4,81559
9019	3,95515,83869	4,81506
9020	3,95520,65375	4,81453
9021	3,95525,46828	4,81400
9022	3,95530,28228	4,81346
9023	3,95535,09574	4,81292
9024	3,95539,90866	4,81240
9025	3,95544,72106	4,81186
9026	3,95549,53292	4,81133
9027	3,95554,34425	4,81079
9028	3,95559,15504	4,81026
9029	3,95563,96530	4,80973
9030	3,95568,77503	4,80920
9031	3,95573,58423	4,80866
9032	3,95578,39289	4,80813
9033	3,95583,20102	4,80760
9034	3,95588,00862	4,80707
9035	3,95592,81569	4,80653
9036	3,95597,62222	4,80601
9037	3,95602,42823	4,80547
9038	3,95607,23370	4,80494
9039	3,95612,03864	4,80441
9040	3,95616,84305	4,80387
9041	3,95621,64692	4,80335
9042	3,95626,45027	4,80281
9043	3,95631,25308	4,80229
9044	3,95636,05537	4,80175
9045	3,95640,85712	4,80122
9046	3,95645,65834	4,80069
9047	3,95650,45903	4,80016
9048	3,95655,25919	4,79963
9049	3,95660,05882	4,79910
9050	3,95664,85792	4,79857

Num.	Logarithmi	Differ.
9051	3,95669,65649	4,79804
9052	3,95674,45453	4,79751
9053	3,95679,25204	4,79698
9054	3,95684,04902	4,79645
9055	3,95688,84547	4,79591
9056	3,95693,64138	4,79539
9057	3,95698,43677	4,79486
9058	3,95703,23163	4,79434
9059	3,95708,02597	4,79380
9060	3,95712,81977	4,79327
9061	3,95717,61304	4,79274
9062	3,95722,40578	4,79222
9063	3,95727,19800	4,79169
9064	3,95731,98969	4,79115
9065	3,95736,78084	4,79063
9066	3,95741,57147	4,79010
9067	3,95746,36157	4,78958
9068	3,95751,15115	4,78904
9069	3,95755,94019	4,78852
9070	3,95760,72871	4,78798
9071	3,95765,51669	4,78746
9072	3,95770,30415	4,78694
9073	3,95775,09109	4,78640
9074	3,95779,87749	4,78588
9075	3,95784,66337	4,78535
9076	3,95789,44872	4,78482
9077	3,95794,23354	4,78430
9078	3,95799,01784	4,78377
9079	3,95803,80161	4,78324
9080	3,95808,58485	4,78272
9081	3,95813,36757	4,78219
9082	3,95818,14976	4,78166
9083	3,95822,93142	4,78113
9084	3,95827,71255	4,78061
9085	3,95832,49316	4,78009
9086	3,95837,27325	4,77956
9087	3,95842,05281	4,77903
9088	3,95846,83184	4,77850
9089	3,95851,61034	4,77798
9090	3,95856,38832	4,77746
9091	3,95861,16578	4,77693
9092	3,95865,94271	4,77640
9093	3,95870,71911	4,77588
9094	3,95875,49499	4,77535
9095	3,95880,27034	4,77483
9096	3,95885,04517	4,77430
9097	3,95889,81947	4,77378
9098	3,95894,59325	4,77325
9099	3,95899,36650	4,77273
9100	3,95904,13923	4,77221

Num.	Logarithmi	Differ.
9101	3,95908,91144	4,77168
9102	3,95913,68312	4,77115
9103	3,95918,45427	4,77064
9104	3,95923,22491	4,77010
9105	3,95927,99501	4,76959
9106	3,95932,76460	4,76906
9107	3,95937,53366	4,76853
9108	3,95942,30219	4,76802
9109	3,95947,07021	4,76749
9110	3,95951,83770	4,76696
9111	3,95956,60466	4,76645
9112	3,95961,37111	4,76592
9113	3,95966,13703	4,76539
9114	3,95970,90242	4,76488
9115	3,95975,66730	4,76435
9116	3,95980,43165	4,76383
9117	3,95985,19548	4,76331
9118	3,95989,95879	4,76278
9119	3,95994,72157	4,76226
9120	3,95999,48383	4,76174
9121	3,96004,24557	4,76122
9122	3,96009,00679	4,76070
9123	3,96013,76749	4,76017
9124	3,96018,52766	4,75965
9125	3,96023,28731	4,75913
9126	3,96028,04644	4,75861
9127	3,96032,80505	4,75809
9128	3,96037,56314	4,75757
9129	3,96042,32071	4,75704
9130	3,96047,07775	4,75653
9131	3,96051,83428	4,75600
9132	3,96056,59028	4,75548
9133	3,96061,34576	4,75497
9134	3,96066,10073	4,75444
9135	3,96070,85517	4,75392
9136	3,96075,60909	4,75340
9137	3,96080,36249	4,75288
9138	3,96085,11537	4,75236
9139	3,96089,86773	4,75184
9140	3,96094,61957	4,75132
9141	3,96099,37089	4,75081
9142	3,96104,12170	4,75028
9143	3,96108,87198	4,74976
9144	3,96113,62174	4,74924
9145	3,96118,37098	4,74872
9146	3,96123,11970	4,74821
9147	3,96127,86791	4,74768
9148	3,96132,61559	4,74717
9149	3,96137,36276	4,74665
9150	3,96142,10941	4,74613

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9151	3,96146,85554	4,74560	9201	3,96383,50307	4,71982	9251	3,96618,86810	4,69431
9152	3,96151,60114	4,74510	9202	3,96388,22289	4,71931	9252	3,96623,56241	4,69381
9153	3,96156,34624	4,74457	9203	3,96392,94220	4,71880	9253	3,96628,25622	4,69330
9154	3,96161,09081	4,74405	9204	3,96397,66100	4,71828	9254	3,96632,94952	4,69279
9155	3,96165,83486	4,74354	9205	3,96402,37928	4,71778	9255	3,96637,64231	4,69228
9156	3,96170,57840	4,74302	9206	3,96407,09706	4,71726	9256	3,96642,33459	4,69178
9157	3,96175,32142	4,74250	9207	3,96411,81432	4,71674	9257	3,96647,02637	4,69127
9158	3,96180,06392	4,74198	9208	3,96416,53106	4,71624	9258	3,96651,71764	4,69077
9159	3,96184,80590	4,74147	9209	3,96421,24730	4,71572	9259	3,96656,40841	4,69026
9160	3,96189,54737	4,74094	9210	3,96425,96302	4,71521	9260	3,96661,09867	4,68975
9161	3,96194,28831	4,74043	9211	3,96430,67823	4,71470	9261	3,96665,78842	4,68925
9162	3,96199,02874	4,73992	9212	3,96435,39293	4,71419	9262	3,96670,47767	4,68874
9163	3,96203,76866	4,73939	9213	3,96440,10712	4,71367	9263	3,96675,16641	4,68823
9164	3,96208,50805	4,73888	9214	3,96444,82079	4,71317	9264	3,96679,85464	4,68773
9165	3,96213,24693	4,73836	9215	3,96449,53396	4,71265	9265	3,96684,54237	4,68722
9166	3,96217,98529	4,73785	9216	3,96454,24661	4,71214	9266	3,96689,22959	4,68671
9167	3,96222,72314	4,73732	9217	3,96458,95875	4,71163	9267	3,96693,91630	4,68621
9168	3,96227,46046	4,73681	9218	3,96463,67038	4,71112	9268	3,96698,60251	4,68571
9169	3,96232,19727	4,73630	9219	3,96468,38150	4,71061	9269	3,96703,28822	4,68519
9170	3,96236,93357	4,73577	9220	3,96473,09211	4,71009	9270	3,96707,97341	4,68470
9171	3,96241,66934	4,73527	9221	3,96477,80220	4,70959	9271	3,96712,65811	4,68419
9172	3,96246,40461	4,73474	9222	3,96482,51179	4,70907	9272	3,96717,34230	4,68368
9173	3,96251,13935	4,73423	9223	3,96487,22086	4,70857	9273	3,96722,02598	4,68318
9174	3,99255,87358	4,73371	9224	3,96491,92943	4,70805	9274	3,96726,70916	4,68267
9175	3,96260,60729	4,73320	9225	3,96496,63748	4,70755	9275	3,96731,39183	4,68217
9176	3,96265,24049	4,73268	9226	3,96501,34503	4,70703	9276	3,96736,07400	4,68166
9177	3,96270,07317	4,73217	9227	3,96506,05206	4,70652	9277	3,96740,75566	4,68116
9178	3,96274,80534	4,73165	9228	3,96510,75858	4,70602	9278	3,96745,43682	4,68065
9179	3,96279,53699	4,73113	9229	3,96515,46460	4,70550	9279	3,96750,11747	4,68015
9180	3,96284,26812	4,73062	9230	3,96520,17010	4,70500	9280	3,96754,79762	4,67965
9181	3,96288,99874	4,73010	9231	3,96524,87510	4,70448	9281	3,96759,47727	4,67914
9182	3,90293,72884	4,72959	9232	3,96529,57958	4,70398	9282	3,96764,15641	4,67864
9183	3,96298,45843	4,72908	9233	3,96534,28356	4,70346	9283	3,96768,83505	4,67813
9184	3,96303,18751	4,72855	9234	3,96538,98702	4,70296	9284	3,96773,51318	4,67763
9185	3,96307,91606	4,72805	9235	3,96543,68998	4,70244	9285	3,96778,19081	4,67712
9186	3,96312,64411	4,72753	9236	3,96548,39242	4,70194	9286	3,96782,86793	4,67662
9187	3,96317,37164	4,72701	9237	3,96553,09436	4,70143	9287	3,96787,54455	4,67612
9188	3,96322,09865	4,72650	9238	3,96557,79579	4,70092	9288	3,96792,22067	4,67562
9189	3,96326,82515	4,72599	9239	3,96562,49671	4,70041	9289	3,96796,89629	4,67511
9190	3,96331,55114	4,72547	9240	3,96567,19712	4,69990	9290	3,96801,57140	4,67461
9191	3,96336,27661	4,72496	9241	3,96571,89702	4,69940	9291	3,96806,24601	4,67410
9192	3,96341,00157	4,72444	9242	3,96576,59642	4,69888	9292	3,96810,92011	4,67360
9193	3,96345,72601	4,72393	9243	3,96581,29530	4,69838	9293	3,96815,59371	4,67310
9194	3,96350,44994	4,72342	9244	3,96585,99368	4,69787	9294	3,96820,26681	4,67260
9195	3,96355,17336	4,72290	9245	3,96590,69155	4,69736	9295	3,96824,93941	4,67209
9196	3,96359,89626	4,72239	9246	3,96595,38891	4,69685	9296	3,96829,61150	4,67160
9197	3,96364,61865	4,72187	9247	3,96600,08576	4,69635	9297	3,96834,28310	4,67108
9198	3,96369,34052	4,72137	9248	3,96604,78211	4,69583	9298	3,96838,95418	4,67059
9199	3,96374,06189	4,72084	9249	3,96609,47794	4,69533	9299	3,96843,62477	4,67009
9200	3,96378,78273	4,72034	9250	3,96614,17327	4,69483	9300	3,96848,29486	4,66958

Num.	Logarithmi	Differ.
9301	3,96852,96444	4,66908
9302	3,96857,63352	4,66858
9303	3,96862,30210	4,66807
9304	3,96866,97017	4,66758
9305	3,96871,63775	4,66707
9306	3,96876,30482	4,66657
9307	3,96880,97139	4,66607
9308	3,96885,63746	4,66557
9309	3,96890,30303	4,66507
9310	3,96894,96810	4,66456
9311	3,96899,63266	4,66407
9312	3,96904,29673	4,66357
9313	3,96908,96030	4,66306
9314	3,96913,62336	4,66256
9315	3,96918,28592	4,66207
9316	3,96922,94799	4,66156
9317	3,96027,60955	4,66106
9318	3,96932,27061	4,66056
9319	3,96936,93117	4,66007
9320	3,96941,59124	4,65956
9321	3,96946,25080	4,65906
9322	3,96950,90986	4,65856
9323	3,96955,56842	4,65806
9324	3,96960,22648	4,65757
9325	3,96964,88405	4,65706
9326	3,96969,54111	4,65657
9327	3,96974,19768	4,65606
9328	3,96978,85374	4,65557
9329	3,96983,50931	4,75506
9330	3,96988,16437	4,65457
9331	3,96992,81894	4,65407
9332	3,96997,47301	4,65357
9333	3,97002,12658	4,65307
9334	3,97006,77965	4,65258
9335	3,97011,43223	4,65207
9336	3,97016,08430	4,65158
9337	3,97020,73588	4,65108
9338	3,97025,38696	4,65058
9339	3,97030,03754	4,65008
9340	3,97034,68762	4,64959
9341	3,97039,33721	4,64909
9342	3,97043,98630	4,64858
9343	3,97048,63488	4,64810
9344	3,97053,28298	4,64759
9345	3,97957,93057	4,64710
9346	3,97062,57767	4,64660
9347	3,97067,22427	4,64610
9348	3,97071,87037	4,64561
9349	3,97076,51598	4,64511
9350	3,97081,16109	4,64461

Num.	Logarithmi	Differ.
9351	3,97085,80570	4,64412
9352	3,97090,44982	4,64361
9353	3,97095,09343	4,64313
9354	3,97099,73156	4,64262
9355	3,97104,37918	4,64213
9356	3,97109,02131	4,64164
9357	3,97113,66295	4,64114
9358	3,97118,30409	4,64064
9359	3,97122,94473	4,64014
9360	3,97127,58487	4,63965
9361	3,97132,22452	4,63916
9362	3,97136,86368	4,63866
9363	3,97141,50234	4,63816
9364	3,97146,14050	4,63767
9365	3,97150,77817	4,63717
9366	3,97155,41534	4,63668
9367	3,97160,05202	4,63619
9368	3,97164,68821	4,63568
9369	3,97169,32389	4,63520
9370	3,97173,95909	4,63470
9371	3,97178,59379	4,63420
9372	3,97183,22799	4,63371
9373	3,97187,86170	4,63322
9374	3,97192,49492	4,63272
9375	3,97197,12764	4,63223
9376	3,97201,75987	4,63173
9377	3,97206,39160	4,63124
9378	3,97211,02284	4,63075
9379	3,97215,65359	4,63025
9380	3,97220,28384	4,62976
9381	3,97224,91360	4,62926
9382	3,97229,54286	4,62877
9383	3,97234,17163	4,62828
9384	3,97238,79991	4,62779
9385	3,97243,42770	4,62729
9386	3,97248,05499	4,62680
9387	3,97252,68179	4,62630
9388	3,97257,30809	4,62582
9389	3,97261,93391	4,62532
9390	3,97266,55923	4,62482
9391	3,97271,18405	4,62434
9392	3,97275,80839	4,62384
9393	3,97280,43223	4,62335
9394	3,97285,05558	4,62286
9395	3,97289,67844	4,62237
9396	3,97294,30081	4,62188
9397	3,97298,92269	4,62138
9398	3,97303,54407	4,62089
9399	3,97308,16496	4,62040
9400	3,97312,78536	4,61991

Num.	Logarithmi	Differ.
9401	3,97317,40527	4,61942
9402	3,97322,02469	4,61892
9403	3,97326,64361	4,61844
9404	3,97331,26205	4,61794
9405	3,97335,87999	4,61745
9406	3,97340,49744	4,61696
9407	3,97345,11440	4,61647
9408	3,97349,73087	4,61598
9409	3,97354,34685	4,61549
9410	3,97358,96234	4,61500
9411	3,97363,57734	4,61451
9412	3,97368,19185	4,61402
9413	3,97372,80587	4,61353
9414	3,97377,41940	4,61304
9415	3,97382,03244	4,61254
9416	3,97386,64498	4,61206
9417	3,97391,25704	4,61157
9418	3,97395,86861	4,61108
9419	3,97400,47969	4,61059
9420	3,97405,09028	4,61010
9421	3,97409,70038	4,60961
9422	3,97414,30999	4,60912
9423	3,97418,91911	4,60863
9424	3,97423,52774	4,60815
9425	3,97428,13589	4,60765
9426	3,97432,74354	4,60717
9427	3,97437,35071	4.60668
9428	3,97441,95739	4,60618
9429	3,96446,56357	4,60570
9430	3,97451,16927	4,60522
9431	3,97455,77449	4,60472
9432	3,97460,37921	4,60423
9433	3,97464,98344	4,60375
9434	3,97469,58719	4,60326
9435	3,97474,19045	4,60277
9436	3,97478,79322	4,60228
9437	3,97483,39550	4,60180
9438	3,97487,99730	4,60131
9439	3,97492,59861	4,60082
9440	3,97497,19943	4,60033
9441	3,97501,79976	4,59985
9442	3,97506,39961	4,59936
9443	3,97510,99897	4,59887
9444	3,97515,59784	4,59839
9445	3,97520,19623	4,59789
9446	3,97524,79412	4,59742
9447	3,97529,39154	4,59692
9448	3,97533,98846	4,59644
9449	3,97538,58490	4,59595
9450	3,97543,18085	4,59547

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9451	3,97547,77632	4,59498	9501	3,97776,93181	4,57080	9551	3,98004,88451	4,54687
9452	3,97552,37130	4,59449	9502	3,97781,50261	4,57032	9552	3,98009,43138	4,45639
9453	3,97556,96579	4,59401	9503	3,97786,07293	4,56983	9553	3,98013,97777	4,54592
9454	3,97561,55980	4,59351	9504	3,97790,64276	4,56936	9554	3,98018,52369	4,54545
9455	3,97566,15332	4,59303	9505	3,97795,21212	4,56888	9555	3,98023,06914	4,54497
9456	3,97570,74635	4,59255	9506	3,97799,78100	4,56839	9556	3,98027,61411	4,54449
9457	3,97575,33890	4,59207	9507	3,97804,34939	4,56792	9557	3,98032,15860	4,54402
9458	3,97579,93097	4,59158	9508	3,97808,91731	4,56743	9558	3,98036,70262	4,54354
9459	3,97584,52255	4,59109	9509	3,97813,48474	4,56695	9559	3,98041,24616	4,54307
9460	3,97589,11364	4,59061	9510	3,97818,05169	4,56648	9560	3,98045,78923	4,54259
9461	3,97593,70425	4,59012	9511	3,97822,61817	4,56599	9561	3,98050,33182	4,54212
9462	3,97598,29437	4,58964	9512	3,97827,18416	4,56551	9562	3,98054,87394	4,54164
9463	3,97602,88401	4,58915	9513	3,97831,74967	4,56504	9563	3,98059,41558	4,54116
9464	3,97607,47316	4,58867	9514	3,97836,31471	4,56455	9564	3,98063,95674	4,54070
9465	3,97612,06183	4,58818	9515	3,97840,87926	4,56408	9565	3,98068,49744	4,54021
9466	3,97616,65001	4,58770	9516	3,97845,44334	4,56359	9566	3,98073,03765	4,53975
9467	3,97621,23771	4,58722	9517	3,97850,00693	4,56312	9567	3,98077,57740	4,53926
9468	3,97625,82493	4,58673	9518	3,97854,57005	4,56263	9568	3,98082,11666	4,53880
9469	3,97630,41166	4,58624	9519	3,97859,13268	4,56216	9569	3,98086,65546	4,53832
9470	3,97634,99790	4,58576	9520	3,97863,69484	4,56168	9570	3,98091,19378	4,53784
9471	3,97639,58366	4,58528	9521	3,97868,25652	4,56119	9571	3,98095,73162	4,53737
9472	3,97644,16894	4,58479	9522	3,97872,81771	4,56072	9572	3,98100,26899	4,53690
9473	3,97648,75373	4,58431	9523	3,97877,37843	4,56024	9573	3,98104,80589	4,53642
9474	3,97653,33804	4,58382	9524	3,97881,93867	4,55976	9574	3,98109,34231	4,53595
9475	3,97657,92186	4,58335	9525	3,97886,49843	4,55929	9575	3,98113,87826	4,53548
9476	3,97662,50521	4,58285	9526	3,97891,05772	4,55880	9576	3,98118,41374	4,53500
9477	3,97667,08806	4,58238	9527	3,97895,61652	4,55833	9577	3,98122,94874	4,53453
9478	3,97671,67044	4,58189	9528	3,97900,17485	4,55784	9578	3,98127,48327	4,53406
9479	3,97676,25233	4,58140	9529	3,97904,73269	4,55737	9579	3,98132,01733	4,53358
9480	3,97980,83373	4,58093	9530	3,97909,29006	4,55689	9580	3,98136,55091	4,53311
9481	3,97685,41466	4,58044	9531	3,97913,84695	4,55642	9581	3,98141,08402	4,53263
9482	3,67689,99510	4,57996	9532	3,97918,40337	4,55593	9582	3,98145,61665	4,53216
9483	3,97694,57506	4,57947	9533	3,97922,95930	4,55546	9583	3,98150,14881	4,53169
9484	3,97699,15453	4,57899	9534	3,97927,51476	4,55498	9584	3,98154,68050	4,53122
9485	3,97703,73352	4,57851	9535	3,97932,06974	4,55450	9585	3,98159,21172	4,53075
9486	3,97708,31203	4,57803	9536	3,97936,62424	4,55402	9586	3,98163,74247	4,53027
9487	3,97712,89006	4,57754	9537	3,97941,17826	4,55355	9587	3,98168,27274	4,52980
9488	3,97717,46760	4,57706	9538	3,97945,73181	4,55307	9588	3,98172,80254	4,52932
9489	3,97722,04466	4,57658	9539	3,97950,28488	4,55259	9589	3,98177,33186	4,52886
9490	3,97726,62124	4,57610	9540	3,97954,83747	4,55211	9590	3,98181,86072	4,52838
9491	3,97731,19734	4,57561	9541	3,97959,38958	4,55164	9591	3,98186,38910	4,52791
9492	3,97735,77295	4,57514	9542	3,97963,94122	4,55116	9592	3,98190,91701	4,52744
9493	3,97740,34809	4,57465	9543	3,97968,49238	4,55069	9593	3,98195,44445	4,52696
9494	3,97744,92274	4,57417	9544	3,97973,04307	4,55020	9594	3,98199,97141	4,52650
9495	3,97749,49691	4,57368	9545	3,97977,59327	4,54973	9595	3,98204,49791	4,52602
9496	3,97754,07059	4,57321	9546	3,97982,14300	4,54926	9596	3,98209,02393	4,52555
9497	3,97758,64380	4,57272	9547	3,97986,69226	4,54877	9597	3,98213,54948	4,52508
9498	3,97763,21652	4,57225	9548	3,97991,24103	4,54830	9598	3,98218,07456	4,52461
9499	3,97767,78877	4,57176	9549	3,97995,78933	4,54783	9599	3,98222,59917	4,52413
9500	3,97772,36053	4,57128	9550	3,98000,33716	4,54735	9600	3,98227,12330	4,52367

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9601	3,98231,64697	4,52319	9651	3,98457,23156	4,49976	9701	3,98681,65046	4,47657
9602	3,98236,17016	4,52273	9652	3,98461,73132	4,49930	9702	3,98686,12703	4,47611
9603	3,98240,69289	4,52225	9653	3,98466,23062	4,49883	9703	3,98690,60314	4,47565
9604	3,98245,21514	4,52178	9654	3,98470,72945	4,49836	9704	3,98695,07879	4,47518
9605	3,98249,73692	4,52131	9655	3,98475,22781	4,49790	9705	3,98699,55397	4,47473
9606	3,98254,25823	4,52084	9656	3,98479,72571	4,49743	9706	3,98704,02840	4,47426
9607	3,98258,77907	4,52037	9657	3,98484,22314	4,49697	9707	3,98708,50296	4,47381
9608	3,98263,29944	4,51990	9658	3,98488,72011	4,49650	9708	3,98712,97677	4,47334
9609	3,98267,81934	4,51943	9659	3,98493,21661	4,49603	9709	3,98717,45011	4,47288
9610	3,98272,33877	4,51869	9660	3,98497,71264	4,49557	9710	3,98721,92299	4,47242
9611	3,98276,85773	4,51848	9661	3,98502,20821	4,49511	9711	3,98726,39541	4,47196
9612	3,98281,37621	4,51802	9662	3,98506,70332	4,49463	9712	3,98730,86737	4,47150
9613	3,98285,89423	4,51755	9663	3,98511,19795	4,49418	9713	3,98735,33887	4,47104
9614	3,98290,41178	4,51708	9664	3,98515,69213	4,49371	9714	3,98739,80991	4,47058
9615	3,98294,92886	4,51661	9665	3,98520,18584	4,49324	9715	3,98744,28049	4,47012
9616	3,98299,44547	4,51613	9666	3,98524,67908	4,49278	9716	3,98748,75061	4,46966
9617	3,98303,96160	4,51567	9667	3,98529,17186	4,49231	9717	3,98753,22027	4,46920
9618	3,98308,47727	4,51520	9668	3,98533,66417	4,49185	9718	3,98757,68947	4,46874
9619	3,98312,99247	4,51473	9669	3,98538,15602	4,49139	9719	3,98762,15821	4,46728
9620	3,98317,50720	4,51426	9670	3,98542,64741	4,49092	9720	3,98766,62649	4,46782
9621	3,98322,02146	4,51380	9671	3,98547,13833	4,49046	9721	3,98771,09431	4,46736
9622	3,98326,53526	4,51332	9672	3,98551,62879	4,48999	9722	3,98775,56167	4,46691
9623	3,98331,04858	4,51285	9673	3,98556,11878	4,48953	9723	3,98780,02858	4,46644
9624	3,98335,56143	4,51239	9674	3,98560,60831	4,48906	9724	3,98784,49502	4,46598
9625	3,98340,07382	4,51191	9675	3,98565,09737	4,48860	9725	3,98788,96100	4,46552
9626	3,98344,58573	4,51145	9676	3,98569,58597	4,48814	9726	3,98793,42652	4,46507
9627	3,98349,09718	4,51098	9677	3,98574,07411	4,48767	9727	3,98797,89159	4,46460
9628	3,98353,60816	4,51051	9678	3,98578,56178	4,48721	9728	3,98802,35619	4,46415
9629	3,98358,11867	4,51004	9679	3,98583,04899	4,48674	9729	3,98806,82034	4,46369
9630	3,98362,62871	4,50958	9680	3,98587,53573	4,48628	9730	3,98811,28403	4,46323
9631	3,98367,13829	4,50910	9681	3,98592,02201	4,48582	9731	3,98815,74726	4,46277
9632	3,98371,64739	4,50864	9682	3,98596,50783	4,48536	9732	3,98820,21003	4,46231
9633	3,98376,15603	4,50817	9683	3,98600,99319	4,48489	9733	3,98824,67234	4,46185
9634	3,98380,66420	4,50770	9684	3,98605,47808	4,48443	9734	3,98829,13419	4,46140
9635	3,98385,17190	4,50723	9685	3,98609,96251	4,48396	9735	3,98833,59559	4,46093
9636	3,98389,67913	4,50677	9686	3,98614,44647	4,48350	9736	3,98838,05652	4,46048
9637	3,98394,18590	4,50630	9687	3,98618,92997	4,48304	9737	3,98842,51700	4,46002
9638	3,98398,69220	4,50583	9688	3,98623,41301	4,48258	9738	3,98846,97702	4,45956
9639	3,98403,19803	4,50536	9689	3,98627,89559	4,48212	9739	3,98851,43658	4,45911
9640	3,98407,70339	4,50490	9690	3,98632,37771	4,48165	9740	3,98855,89569	4,45864
9641	3,98412,20829	4,50442	9691	3,98636,85936	4,48119	9741	3,98860,35433	4,45819
9642	3,98416,71271	4,50397	9692	3,98641,34055	4,48072	9742	3,98864,81252	4,45773
9643	3,98421,21668	4,50349	9693	3,98645,82127	4,48027	9743	3,98869,27025	4,45728
9644	3,98425,72017	4,50303	9694	3,98650,30154	4,47980	9744	3,98873,72753	4,45682
9645	3,98430,22320	4,50256	9695	3,98654,78134	4,47934	9745	3,98878,18435	4,45635
9646	3,98434,72576	4,50209	9696	3,98659,26068	4,47888	9746	3,98882,64070	4,45591
9647	3,98439,22785	4,50163	9697	3,98663,73956	4,47842	9747	3,98887,09661	4,45544
9648	3,98443,72948	4,50116	9698	3,98668,21798	4,47795	9748	3,98891,55205	4,45499
9649	3,98448,23064	4,50069	9699	3,98672,69593	4,47750	9749	3,98896,00704	4,45453
9650	3,98452,73133	4,50023	9700	3,98677,17343	4,47703	9750	3,98900,46157	4,45407

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Num.	Logarithmi	Differ.
9751	3,98904,91564	4,45362
9752	3,98909,36926	4,45316
9753	3,98913,82242	4,45271
9754	3,98918,27513	4,45224
9755	3,98922,72737	4,45179
9756	3,98927,17916	4,45134
9757	3,98931,63050	4,45088
9758	3,98936,08138	4,45042
9759	3,98940,53180	4,44997
9760	3,98944,98177	4,44951
9761	3,98949,43128	4,44905
9762	3,98953,88033	4,44860
9763	3,98958,32893	4,44814
9764	3,98962,77707	4,44769
9765	3,98967,22476	4,44723
9766	3,98971,67199	4,44678
9767	3,98976,11877	4,44632
9768	3,98980,56509	4,44587
9769	3,98985,01096	4,44541
9770	3,98989,45637	4,44496
9771	3,98993,90133	4,44450
9772	3,98998,34583	4,44405
9773	3,99002,78988	4,44359
9774	3,99007,23347	4,44314
9775	3,99011,67661	4,44268
9776	3,99016,11929	4,44223
9777	3,99020,56152	4,44177
9778	3,99025,00329	4,44132
9779	3,99029,44461	4,44087
9780	3,99033,88548	4,44041
9781	3,99038,32589	4,43996
9782	3,99042,76585	4,43950
9783	3,99047,20535	4,43905
9784	3,99051,64440	4,43860
9785	3,99056,08300	4,43814
9786	3,99060,52114	4,43769
9787	3,99064,95883	4,43724
9788	3,99069,39607	4,43678
9789	3,99073,83285	4,43633
9790	3,99078,26918	4,43588
9791	3,99082,70506	4,43542
9792	3,99087,14048	4,43497
9793	3,99091,57545	4,43452
9794	3,99096,00997	4,43406
9795	3,99100,44403	4,43362
9796	3,99104,87765	4,43315
9797	3,99109,31080	4,43271
9798	3,99113,74351	4,43226
9799	3,99118,17577	4,43180
9800	3,99122,60757	4,43135

Num.	Logarithmi	Differ.
9801	3,99127,03892	4,43090
9802	3,99131,46982	4,43044
9803	3,99135,90026	4,43000
9804	3,99140,33026	4,42954
9805	3,99144,75980	4,42909
9806	3,99149,18889	4,42864
9807	3,99153,61753	4,42819
9808	3,99158,04572	4,42773
9809	3,99162,47345	4,42729
9810	3,99166,90074	4,42683
9811	3,99171,32757	4,42638
9812	3,99175,75395	4,42593
9813	3,99180,17988	4,42548
9814	3,99184,60536	4,42503
9815	3,99189,03039	4,42458
9816	3,99193,45497	4,42413
9817	3,99197,87910	4,42368
9818	3,99202,30278	4,42322
9819	3,99206,72600	4,42278
9820	3,99211,14878	4,42232
9821	3,99215,57110	4,42188
9822	3,99219,99298	4,42142
9823	3,99224,41440	4,42098
9824	3,99228,83538	4,42052
9825	3,99233,25590	4,42008
9826	3,99237,67598	4,41963
9827	3,99242,09561	4,41917
9828	3,99246,51478	4,41873
9829	3,99250,93351	4,41827
9830	3,99255,35178	4,41783
9831	3,99259,76961	4,41738
9832	3,99264,18699	4,41693
9833	3,99268,60392	4,41648
9834	3,99273,02040	4,41603
9835	3,99277,43643	4,41558
9836	3,99281,85201	4,41513
9837	3,99286,26714	4,41468
9838	3,99290,68182	4,41424
9839	3,99295,09606	4,41378
9840	3,99299,50984	4,41334
9841	3,99303,92318	4,41289
9842	3,99308,33607	4,41244
9843	3,99312,74851	4,41199
9844	3,99317,16050	4,41155
9845	3,99321,57205	4,41109
9846	3,99325,98314	4,41065
9847	3,99330,39379	4,41020
9848	3,99334,80399	4,40975
9849	3,99339,21374	4,40931
9850	3,99343,62305	4,40886

Num.	Logarithmi	Differ.
9851	3,99348,03191	4,40841
9852	3,99352,44032	4,40796
9853	3,99356,84828	4,40751
9854	3,99361,25579	4,40707
9855	3,99365,66286	4,40662
9856	3,99370,06948	4,40618
9857	3,99374,47566	4,40572
9858	3,99378,88138	4,40528
9859	3,99383,28666	4,40483
9860	3,99387,69149	4,40439
9861	3,99392,09588	4,40394
9862	3,99396,49982	4,40349
9863	3,99400,90331	4,40305
9864	3,99405,30636	4,40260
9865	3,99409,70896	4,40215
9866	3,99414,11111	4,40171
9867	3,99418,51282	4,40126
9868	3,99422,91408	4,40082
9869	3,99427,31490	4,40037
9870	3,99431,71527	4,39992
9871	3,99436,11519	4,39948
9872	3,99440,51467	4,39903
9873	3,99444,91370	4,39859
9874	3,99449,31229	4,39814
9875	3,99453,71043	4,39770
9876	3,99458,10813	4,39725
9877	3,99462,50538	4,39680
9878	3,99466,90218	4,39636
9879	3,99471,29854	4,39592
9880	3,99475,69446	4,39547
9881	3,99480,08993	4,39503
9882	3,99484,48496	4,39458
9883	3,99488,87954	4,39413
9884	3,99493,27367	4,39369
9885	3,99497,66736	4,39325
9886	3,99502,06061	4,39281
9887	3,99506,45342	4,39235
9888	3,99510,84577	4,39192
9889	3,99515,23769	4,39147
9890	3,99519,62916	4,39103
9891	3,99524,02019	4,39058
9892	3,99528,41077	4,39014
9893	3,99532,80091	4,38969
9894	3,99537,19060	4,38925
9895	3,99541,57985	4,38881
9896	3,99545,96866	4,38837
9897	3,99550,35703	4,38792
9898	3,99554,74495	4,38748
9899	3,99559,13243	4,38703
9900	3,99563,51946	4,38659

Chilias 10.

Num.	Logarithmi	Differ.
9901	3,99567,90605	4,38615
9902	3,99572,29220	4,38570
9903	3,99576,67790	4,38527
9904	3,99581,06317	4,38482
9905	3,99585,44799	4,38437
9906	3,99589,83236	4,38394
9907	3,99594,21630	4,38349
9908	3,99598,59979	4,38305
9909	3,99602,98284	4,38261
9910	3,99607,36545	4,38216
9911	3,99611,74761	4,38173
9912	3,99616,12934	4,38128
9913	3,99620,51062	4,38084
9914	3,99624,89146	4,38039
9915	3,99629,27185	4,37996
9916	3,99633,65181	4,37951
9917	3,99638,03132	4,37908
9918	3,99642,41040	4,37863
9919	3,99646,78903	4,37819
9920	3,99651,16722	4,37774
9921	3,99655,54496	4,37731
9922	3,99659,92227	4,37687
9923	3,99664,29914	4,37642
9924	3,99668,67556	4,37598
9925	3,99673,05154	4,37555
9926	3,99677,42709	4,37510
9927	3,99681,80219	4,37466
9928	3,99686,17685	4,37422
9929	3,99690,55107	4,37378
9930	3,99694,92485	4,37334
9931	3,99699,29819	4,37290
9932	3,99703,67109	4,37246
9933	3,99708,04355	4,37202
9934	3,99712,41557	4,37157
9935	3,99716,78714	4,37114
9936	3,99721,15828	4,37070
9937	3,99725,52898	4,37026
9938	3,99729,89924	4,36982
9939	3,99734,26906	4,36938
9940	3,99738,63844	4,36894
9941	3,99743,00738	4,36850
9942	3,99747,37588	4,36806
9943	3,99751,74394	4,36762
9944	3,99756,11156	4,36719
9945	3,99760,47875	4,36674
9946	3,99764,84549	4,36630
9947	3,99769,21179	4,36587
9948	3,99773,57766	4,36543
9949	3,99777,94309	4,36498
9950	3,99782,30807	4,36455

Chilias 10.

Num.	Logarithmi	Differ.
9951	3,99786,67262	4,36411
9952	3,99791,03673	4,36368
9953	3,99795,40041	4,36323
9954	3,99799,76364	4,36280
9955	3,99804,12644	4,36235
9956	3,99808,48879	4,36192
9957	3,99812,85071	4,36148
9958	3,99817,21219	4,36105
9959	3,99821,57324	4,36060
9960	3,99825,93384	4,36017
9961	3,99830,29401	4,35973
9962	3,99834,65374	4,35929
9963	3,99839,01303	4,35886
9964	3,99843,37189	4,35841
9965	3,99847,73030	4,35798
9966	3,99852,08828	4,35755
9967	3,99856,44583	4,35710
9968	3,99860,80293	4,35667
9969	3,99865,15960	4,35623
9970	3,99869,51583	4,35580
9971	3,99873,87163	4,35535
9972	3,99878,32698	4,35492
9973	3,99882,63190	4,35449
9974	3,99886,93639	4,35405
9975	3,99891,29044	4,35361
9976	3,99895,64405	4,35317
9977	3,99899,99722	4,35274
9978	3,99904,34996	4,35230
9979	3,99908,70226	4,35187
9980	3,99913,05413	4,35143
9981	3,99917,40556	4,35099
9982	3,99921,75655	4,35056
9983	3,99926,10711	4,35012
9984	3,99930,45723	4,34969
9985	3,99934,80692	4,34925
9986	3,99939,15617	4,34882
9987	3,99943,50499	4,34838
9988	3,99947,85337	4,34794
9989	3,99952,20131	4,34751
9990	3,99956,54882	4,34708
9991	3,99960,89590	4,34664
9992	3,99965,24254	4,34620
9993	3,99969,58874	4,34577
9994	3,99973,93451	4,34534
9995	3,99978,27985	4,34490
9996	3,99982,62475	4,34446
9997	3,99986,96921	4,34403
9998	3,99991,31324	4,34360
9999	3,99995,65684	4,34316
10000	4,00000,00000	4,34273

Chilias 11.

Num.	Logarithmi	Differ.
10001	4,00004,34273	4,34229
10002	4,00008,68502	4,34186
10003	4,00013,02688	4,34143
10004	4,00017,36831	4,34099
10005	4,00021,70930	4,34055
10006	4,00026,04985	4,34013
10007	4,00030,38998	4,33969
10008	4,00034,72967	4,33925
10009	4,00039,06892	4,33883
10010	4,00043,40775	4,33839
10011	4,00047,74614	4,33795
10012	4,00052,08409	4,33753
10013	4,00056,42162	4,33709
10014	4,00060,75871	4,33665
10015	4,00065,09536	4,33623
10016	4,00069,43159	4,33579
10017	4,00073,76738	4,33536
10018	4,00078,10274	4,33492
10019	4,00082,43766	4,33449
10020	4,00086,77215	4,33406
10021	4,00091,10621	4,33363
10022	4,00095,43984	4,33320
10023	4,00099,77304	4,33276
10024	4,00104,10580	4,33233
10025	4,00108,43813	4,33190
10026	4,00112,77003	4,33146
10027	4,00117,10149	4,33104
10028	4,00121,43253	4,33060
10029	4,00125,76313	4,33017
10030	4,00130,09330	4,32974
10031	4,00134,42304	4,32931
10032	4,00138,75235	4,32888
10033	4,00143,08123	4,32844
10034	4,00147,40967	4,32801
10035	4,00151,73768	4,32758
10036	4,00156,06526	4,32715
10037	4,00160,39241	4,32672
10038	4,00164,71913	4,32629
10039	4,00169,04542	4,32586
10040	4,00173,37128	4,32543
10041	4,00177,69671	4,32499
10042	4,00182,02170	4,32457
10043	4,00186,34627	4,32413
10044	4,00190,67040	4,32371
10045	4,00194,99411	4,32327
10046	4,00199,31738	4,32285
10047	4,00203,64023	4,32241
10048	4,00207,96264	4,32198
10049	4,00212,28462	4,32156
10050	4,00216,60618	4,32112

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10051	4,00220,92730	4,32069	10101	4,00436,43711	4,29931	10151	4,00650,88278	4,27813
10052	4,00225,24799	4,32027	10102	4,00440,73642	4,29888	10152	4,00655,16091	4,27771
10053	4,00229,56826	4,31983	10103	4,00445,03530	4,29845	10153	4,00659,43862	4,27729
10054	4,00233,88809	4,31940	10104	4,00449,33375	4,29804	10154	4,00663,71591	4,27686
10055	4,00238,20749	4,31898	10105	4,00453,63179	4,29760	10155	4,00667,99277	4,27645
10056	4,00242,52647	4,31854	10106	4,00457,92939	4,29718	10156	4,00672,26922	4,27603
10057	4,00246,84501	4,31812	10107	4,00462,22657	4,29675	10157	4,00676,54525	4,27560
10058	4,00251,66313	4,31768	10108	4,00466,52332	4,29633	10158	4,00680,82085	4,27518
10059	4,00255,48081	4,31726	10109	4,00470,81965	4,29591	10159	4,00685,09603	4,27476
10060	4,00259,79807	4,31683	10110	4,00475,11556	4,29548	10160	4,00689,37079	4,27435
10061	4,00264,13490	4,31640	10111	4,00479,41104	4,29505	10161	4,00693,64514	4,27392
10062	4,00268,43130	4,31597	10112	4,00483,70609	4,29463	10162	4,00697,91906	4,27350
10063	4,00272,74727	4,31554	10113	4,00488,00072	4,29421	10163	4,00702,19256	4,27308
10064	4,00277,06281	4,31511	10114	4,00492,29493	4,29378	10164	4,00706,46564	4,27266
10065	4,00281,37792	4,31469	10115	4,00496,58871	4,29336	10165	4,00710,73830	4,27224
10066	4,00285,69261	4,31425	10116	4,00500,88207	4,29293	10166	4,00715,01054	4,27182
10067	4,00290,00686	4,31383	10117	4,00505,17500	4,29251	10167	4,00719,28236	4,27139
10068	4,00294,32069	4,31340	10118	4,00509,46751	4,29208	10168	4,00723,55375	4,27098
10069	4,00298,63409	4,31297	10119	4,00513,75959	4,29166	10169	4,00727,82473	4,27056
10070	4,00302,94706	4,31254	10120	4,00518,05125	4,29124	10170	4,00732,09529	4,27014
10071	4,00307,25960	4,31211	10121	4,00522,34249	4,29081	10171	4,00736,36543	4,26972
10072	4,00311,57171	4,31169	10122	4,00526,63330	4,29038	10172	4,00740,63515	4,26930
10073	4,00315,88340	4,31125	10123	4,00530,92368	4,28997	10173	4,00744,90445	4,26888
10074	4,00320,19465	4,31083	10124	4,00535,21365	4,28954	10174	4,00749,17333	4,26846
10075	4,00324,50548	4,31040	10125	4,00539,50319	4,28912	10175	4,00753,44179	4,26804
10076	4,00328,81588	4,30998	10126	4,00543,79231	4,28869	10176	4,00757,70983	4;26762
10077	4,00333,12586	4,30954	10127	4,00548,08100	4,28827	10177	4,00761,97745	4,26720
10078	4,00337,43540	4,30912	10128	4,00552,36927	4,28784	10178	4,00766,24465	4,26679
10079	4,00341,74452	4,30869	10129	4,00556,65711	4,28743	10179	4,00770,51144	4'26636
10080	4,00346,05321	4,30826	10130	4,00560,94454	4,28700	10180	4,00774,77780	4,26594
10081	4,00350,36147	4,30784	10131	4,00565,23154	4,28657	10181	4,00779,04374	4,26553
10082	4,00354,66931	4,30741	10132	4,00569,51811	4,28616	10182	4,00783,30927	4,26511
10083	4,00358,97672	4,30698	10133	4,00573,80427	4,28573	10183	4,00787,57438	4,26468
10084	4,00363,28370	4,30655	10134	4,00578,09000	4,28530	10184	4,00791,83906	4,26427
10085	4,00367,59025	4,30613	10135	4,00582,37530	4,28489	10185	4,00796,10333	4,26385
10086	4,00371,89638	4,30570	10136	4,00586,66019	4,28446	10186	4,00800,36718	4,26344
10087	4,00376,20208	4,30528	10137	4,00590,94465	4,28404	10187	4,00804,63062	4,26301
10088	4,00380,50736	4,30484	10138	4,00595,22869	4,28362	10188	4,00808,89363	4,26259
10089	4,00384,81220	4,30442	10139	4,00599,51231	4,28319	10189	4,00813,15622	4,26218
10090	4,00389,11662	4,30400	10140	4,00603,79550	4,28277	10190	4,00817,41840	4,26176
10091	4,00393,42062	4,30356	10141	4,00608,07827	4,28235	10191	4,00821,68016	4,26134
10092	4,00397,72418	4,30315	10142	4,00612,36062	4,28193	10192	4,00825,94150	4,26092
10093	4,00402,02733	4,30271	10143	4,00616,64255	4,28150	10193	4,00830,20242	4,26051
10094	4,00406,33004	4,30229	10144	4,00620,92405	4,28109	10194	4,00834,46293	4,26008
10095	4,00410,63233	4,30186	10145	4,00625,20514	4,28066	10195	4,00838,72301	4,25967
10096	4,00414,43419	4,30144	10146	4,00629,48580	4,28024	10196	4,00842,98268	4,25925
10097	4,00419,23563	4,30101	10147	4,00633,76604	4,27981	10197	4,00847,24193	4,25883
10098	4,00423,53664	4,30058	10148	4,00638,04585	4,27940	10198	4,00851,50076	4,25842
10099	4,00427,83722	4,30016	10149	4,00642,32525	4,27897	10199	4,00855,75918	4,25800
10100	4,00432,13738	4,29973	10150	4,00646,60422	4,27856	10200	4,00860,01718	4,25758

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10201	4,00864,27476	4,25716	10251	4,01076,62335	4,23640	10301	4,01287,93872	4,21583
10202	4,00868,53192	4,25675	10252	4,01080,85975	4,23599	10302	4,01292,15455	4,21543
10203	4,00872,78867	4,25632	10253	4,01085,09574	4,23557	10303	4,01296,36998	4,21502
10204	4,00877,04499	4,25592	10254	4,01089,33131	4,23516	10304	4,01300,58500	4,21461
10205	4,00881,30091	4,25549	10255	4,01093,56647	4,23475	10305	4,01304,79961	4,21420
10206	4,00885,55640	4,25508	10256	4,01097,80122	4,23433	10306	4,01309,01381	4,21379
10207	4,00889,81148	4,25466	10257	4,01102,03555	4,23392	10307	4,01313,22760	4,21339
10208	4,00894,06614	4,25424	10258	4,01106,26947	4,23351	10308	4,01317,44099	4,21297
10209	4,00898,32038	4,25383	10259	4,01110,50298	4,23310	10309	4,01321,65396	4,21257
10210	4,00902,57421	4,25341	10260	4,01114,73608	4,23268	10310	4,01325,86653	4,21216
10211	4,00906,82762	4,25299	10261	4,01118,96876	4,23227	10311	4,01330,07869	4,21174
10212	4,00911,08061	4,25258	10262	4,01123,20103	4,23186	10312	4,01334,29043	4,21134
10213	4,00915,33319	4,25216	10263	4,01127,43289	4,23145	10313	4,01338,50177	4,21094
10214	4,00919,58535	4,25175	10264	4,01131,66434	4,23103	10314	4,01342,71271	4,21052
10215	4,00923,83710	4,25133	10265	4,01135,89537	4,23062	10315	4,01346,92323	4,21012
10216	4,00928,08843	4,25091	10266	4,01140,12599	4,23021	10316	4,01351,13335	4,20970
10217	4,00932,33934	4,25049	10267	4,01144,35620	4,22980	10317	4,01355,34305	4,20930
10218	4,00936,58983	4,25009	10268	4,01148,58600	4,22939	10318	4,01359,55235	4,20890
10219	4,00940,83992	4,24966	10269	4,01152,81539	4,22897	10319	4,01363,76125	4,20848
10220	4,00945,08958	4,24925	10270	4,01157,04436	4,22856	10320	4,01367,96973	4,20808
10221	4,00949,33883	4,24883	10271	4,01161,27292	4,22815	10321	4,01372,17781	4,20766
10222	4,00953,58766	4,24842	10272	4,01165,50107	4,22774	10322	4,01376,38547	4,20726
10223	4,00957,83608	4,24800	10273	4,01169,72881	4,22733	10323	4,01380,59273	4,20686
10224	4,00962,08408	4,24759	10274	4,01173,95614	4,22691	10324	4,01384,79959	4,20644
10225	4,00966,33167	4,24717	10275	4,01178,18305	4,22651	10325	4,01389,00603	4,20604
10226	4,00970,57884	4,24675	10276	4,01182,40956	4,22609	10326	4,01393,21207	4,20563
10227	4,00974,82559	4,24635	10277	4,01186,63565	4,22568	10327	4,01397,41770	4,20523
10228	4,00979,07194	4,24592	10278	4,01190,86133	4,22528	10328	4,01401,62293	4,20481
10229	4,00983,31786	4,24551	10279	4,01195,08661	4,22486	10329	4,01405,82774	4,20441
10230	4,00987,56337	4,24510	10280	4,01199,31147	4,22444	10330	4,01410,03215	4,20400
10231	4,00991,80847	4,24468	10281	4,01203,53591	4,22404	10331	4,01414,23615	4,20360
10232	4,00996,05315	4,24426	10282	4,01207,75995	4,22363	10332	4,01418,43975	4,20319
10233	4,01000,29741	4,24385	10283	4,01211,98358	4,22322	10333	4,01422,64294	4,20278
10234	4,01004,54126	4,24344	10284	4,01216,20680	4,22280	10334	4,01426,84572	4,20238
10235	4,01008,78470	4,24302	10285	4,01220,42960	4,22240	10335	4,01431,04810	4,20197
10236	4,01013,02772	4,24261	10286	4,01224,65200	4,22198	10336	4,01435,25007	4,20156
10237	4,01017,27033	4,24219	10287	4,01228,87398	4,22158	10337	4,01439,45163	4,20115
10238	4,01021,51252	4,24178	10288	4,01233,09556	4,22116	10338	4,01443,65278	4,20075
10239	4,01025,75430	4,24136	10289	4,01237,31672	4,22076	10339	4,01447,85353	4,20035
10240	4,01029,99566	4,24095	10290	4,01241,53748	4,22034	10340	4,01452,05388	4,19993
10241	4,01034,23661	4,24054	10291	4,01245,75782	4,21993	10341	4,01456,25381	4,19953
10242	4,01038,47715	4,24012	10292	4,01249,97755	4,21953	10342	4,01460,45334	4,19913
10243	4,01042,71727	4,23971	10293	4,01254,19728	4,21911	10343	4,01464,65247	4,19872
10244	4,01046,95698	4,23929	10294	4,01258,41639	4,21871	10344	4,01468,85119	4,19831
10245	4,01051,19627	4,23888	10295	4,01262,63510	4,21829	10345	4,01473,04950	4,19791
10246	4,01055,43515	4,23847	10296	4,01266,85339	4,21788	10346	4,01477,24741	4,19750
10247	4,01059,67362	4,23805	10297	4,01271,07127	4,21748	10347	4,01481,44491	4,19709
10248	4,01063,91167	4,23764	10298	4,01275,28875	4,21706	10348	4,01485,64200	4,19669
10249	4,01068,14931	4,23723	10299	4,01279,50581	4,21666	10349	4,01489,83869	4,19629
10250	4,01072,38654	4,23681	10300	4,01283,72247	4,21625	10350	4,01494,03498	4,19588

Num.	Logarithmi	Differ.
10351	4,01498,23086	4,19547
10352	4,01502,42633	4,19507
10353	4,01506,62140	4,19466
10354	4,01510,81606	4,19426
10355	4,01515,01032	4,19386
10356	4,01519,20418	4,19344
10357	4,01523,39762	4,19305
10358	4,01527,59067	4,19264
10359	4,01531,78331	4,19223
10360	4,01535,97554	4,19183
10361	4,01540,16737	4,19143
10362	4,01544,35880	4,19102
10363	4,01548,54982	4,19061
10364	4,01552,74043	4,19021
10365	4,01556,93064	4,18981
10366	4,01561,12045	4,18940
10367	4,01565,30985	4,18900
10368	4,01569,49885	4,18860
10369	4,01573,68745	4,18819
10370	4,01577,87564	4,18779
10371	4,01582,06343	4,18738
10372	4,01586,25081	4,18698
10373	4,01590,43779	4,18658
10374	4,01594,62437	4,18617
10375	4,01598,81054	4,18577
10376	4,01602,99631	4,18536
10377	4,01607,18167	4,18497
10378	4,01611,36664	4,18456
10379	4,01615,55120	4,18415
10380	4,01619,73535	4,18375
10381	4,01623,91910	4,18335
10382	4,01628,10245	4,18295
10383	4,01632,28540	4,18255
10384	4,01636,46795	4,18214
10385	4,01640,65009	4,18174
10386	4,01644,83183	4,18133
10387	4,01649,01316	4,18094
10388	4,01653,19410	4,18053
10389	4,01657,37463	4,18013
10390	4,01661,55476	4,17972
10391	4,01665,73448	4,17933
10392	4,01669,91381	4,17892
10393	4,01674,09273	4,17852
10394	4,01678,27125	4,17812
10395	4,01682,44937	4,17771
10396	4,01686,62708	4,17732
10397	4,01690,80440	4,17691
10398	4,01694,98131	4,17651
10399	4,01699,15782	4,17611
10400	4,01703,33393	4,17571

Chilias 11.

Num.	Logarithmi	Differ.
10401	4,01707,50964	4,17530
10402	4,01711,68494	4,17491
10403	4,01715,85985	4,17450
10404	4,01720,03435	4,17410
10405	4,01724,20845	4,17371
10406	4,01728,38216	4,17330
10407	4,01732,55546	4,17290
10408	4,01736,72836	4,17249
10409	4,01740,90085	4,17210
10410	4,01745,07295	4,17170
10411	4,01749,24465	4,17129
10412	4,01753,41594	4,17090
10413	4,01757,58684	4,17049
10414	4,01761,75733	4,17010
10415	4,01765,92743	4,16969
10416	4,01770,09712	4,16930
10417	4,01774,26642	4,16889
10418	4,01778,43531	4,16849
10419	4,01782,60380	4,16810
10420	4,01786,77190	4,16769
10421	4,01790,93959	4,16729
10422	4,01795,10688	4,16690
10423	4,01799,27378	4,16649
10424	4,01803,44027	4,16609
10425	4,01807,60636	4,16570
10426	4,01811,77206	4,16529
10427	4,01815,93735	4,16490
10428	4,01820,10225	4,16450
10429	4,01824,26675	4,16409
10430	4,01828,43084	4,16370
10431	4,01832,59454	4,16330
10432	4,01836,75784	4,16290
10433	4,01840,92074	4,16250
10434	4,01845,08324	4,16210
10435	4,01849,24534	4,16170
10436	4,01853,40704	4,16131
10437	4,01857,56835	4,16090
10438	4,01861,72925	4,16051
10439	4,01865,88976	4,16011
10440	4,01870,04987	4,15971
10441	4,01874,20958	4,15931
10442	4,01878,36889	4,15891
10443	4,01882,52780	4,15852
10444	4,01886,68632	4,15811
10445	4,01890,84443	4,15772
10446	4,01895,00215	4,15732
10447	4,01899,15947	4,15692
10448	4,01903,31639	4,15653
10449	4,01907,47292	4,15612
10450	4,01911,62904	4,15573

Chilias 11.

Num.	Logarithmi	Differ.
10451	4,01915,78477	4,15534
10452	4,01919,94011	4,15493
10453	4,01924,09504	4,15454
10454	4,01928,24958	4,15414
10455	4,01932,40372	4,15374
10456	4,01936,55746	4,15334
10457	4,01940,71080	4,15295
10458	4,01944,86375	4,15255
10459	4,01949,01630	4,15215
10460	4,01953,16845	4,15176
10461	4,01957,32021	4,15136
10462	4,01961,47157	4,15096
10463	4,01965,62253	4,15057
10464	4,01969,77310	4,15017
10465	4,01973,92327	4,14977
10466	4,01978,07304	4,14938
10467	4,01982,22242	4,14898
10468	4,01986,37140	4,14858
10469	4,01990,51998	4,14819
10470	4,01994,66817	4,14779
10471	4,01998,81596	4,14739
10472	4,02002,96335	4,14700
10473	4,02007,11035	4,14661
10474	4,02011,25696	4,14620
10475	4,02015,40316	4,14582
10476	4,02019,54898	4,14541
10477	4,02023,69439	4,14502
10478	4,02027,83941	4,14463
10479	4,02031,98404	4,14422
10480	4,02036,12826	4,14384
10481	4,02040,27210	4,14344
10482	4,02044,41554	4,14304
10483	4,02048,55858	4,14265
10484	4,02052,70123	4,24225
10485	4,02056,84348	4,14186
10486	4,02060,98534	4,14146
10487	4,02065,12680	4,14107
10488	4,02069,26787	4,14067
10489	4,02073,40854	4,14028
10490	4,02077,54882	4,13988
10491	4,02081,68870	4,13949
10492	4,02085,82819	4,13910
10493	4,02089,96729	4,13870
10494	4,02094,10599	4,13830
10495	4,02098,24429	4,13791
10496	4,02102,38220	4,13752
10497	4,02106,51972	4,13712
10498	4,02110,65684	4,13673
10499	4,02114,79357	4,13634
10500	4,02118,92991	4,13594

Num.	Logarithmi	Differ.
10501	4,02123,06585	4,13555
10502	4,02127,20140	4,13515
10503	4,02131,33655	4,13476
10504	4,02135,47131	4,13436
10505	4,02139,60567	4,13398
10506	4,02143,73965	4,13358
10507	4,02147,87323	4,13318
10508	4,02152,00641	4,13279
10509	4,02156,13920	4,13240
10510	4,02160,27160	4,13201
10511	4,02164,40361	4,13161
10512	4,02168,53522	4,13122
10513	4,02172,66644	4,13083
10514	4,02176,79727	4,13043
10515	4,02180,92770	4,13004
10516	4,02185,05774	4,12965
10517	4,02189,18739	4,12926
10518	4,02193,31665	4,12886
10519	4,02197,44551	4,12847
10520	4,02201,57398	4,12808
10521	4,02205,70206	4,12769
10522	4,02209,82975	4,12729
10523	4,02213,95704	4,12690
10524	4,02218,08394	4,12651
10525	4,02222,21045	4,12612
10526	4,02226,33657	4,12572
10527	4,02230,46229	4,12534
10528	4,02234,58763	4,12494
10529	4,02238,71257	4,12455
10530	4,02242,83712	4,12416
10531	4,02246,96128	4,12376
10532	4,02251,08504	4,12338
10533	4,02255,20842	4,12298
10534	4,02259,33140	4,12259
10535	4,02263,45399	4,12221
10536	4,02267,57620	4,12181
10537	4,02271,69801	4,12141
10538	4,02275,81942	4,12103
10539	4,02279,94045	4,12064
10540	4,02284,06109	4,12024
10541	4,02288,18133	4,11986
10542	4,02292,30119	4,11946
10543	4,02296,42065	4,11907
10544	4,02300,53972	4,11869
10545	4,02304,65841	4,11829
10546	4,02308,77670	4,11790
10547	4,02312,89460	4,11751
10548	4,02317,01211	4,11712
10549	4,02321,12923	4,11673
10550	4,02325,24596	4,11634

Num.	Logarithmi	Differ.
10551	4,02329,36230	4,11595
10552	4,02333,47825	4,11556
10553	4,02337,59381	4,11517
10554	4,02341,70898	4,11478
10555	4,02345,82376	4,11439
10556	4,02349,93815	4,11401
10557	4,02354,05216	4,11361
10558	4,02358,16577	4,11322
10559	4,02362,27899	4,11283
10560	4,02366,39182	4,11244
10561	4,02370,50426	4,11206
10562	4,02374,61632	4,11166
10563	4,02378,72798	4,11127
10564	4,02382,83925	4,11089
10565	4,02386,95014	4,11050
10566	4,02391,06064	4,11010
10567	4,02395,17074	4,10972
10568	4,02399,28046	4,10933
10569	4,02403,38979	4,10894
10570	4,02497,49873	4,10855
10571	4,02411,60728	4,10817
10572	4,02415,71545	4,10777
10573	4,02419,82322	4,10739
10574	4,02423,93061	4,10699
10575	4,02428,03760	4,10661
10576	4,02432,14421	4,10623
10577	4,02436,25044	4,10583
10578	4,02440,35627	4,10544
10579	4,02444,46171	4,10506
10580	4,02448,56677	4,10467
10581	4,02452,67144	4,10428
10582	4,02456,77572	4,10389
10583	4,02460,87961	4,10351
10584	4,02464,98312	4,10312
10585	4,02469,08624	4,10273
10586	4,02473,18897	4,10234
10587	4,02477,29131	4,10195
10588	4,02481,39326	4,10157
10589	4,02485,49483	4,10118
10590	4,02489,59601	4,10079
10591	4,02493,69680	4,10041
10592	4,02497,79721	4,10002
10593	4,02501,89723	4,09963
10594	4,02505,99686	4,09924
10595	4,02510,09610	4,09886
10596	4,02514,19496	4,09847
10597	4,02518,29343	4,09809
10598	4,02522,39152	4,09770
10599	4,02526,48922	4,09731
10600	4,02530,58653	4,09692

Num.	Logarithmi	Differ.
10601	4,02534,68345	4,09654
10602	4,02538,77999	4,09615
10603	4,02542,87614	4,09577
10604	4,02546,97191	4,09538
10605	4,02551,06729	4,09499
10606	4,02555,16228	4,09461
10607	4,02559,25689	4,09422
10608	4,02563,35111	4,09383
10609	4,02567,44494	4,09345
10610	4,02571,53839	4,09306
10611	4,02575,63145	4,09268
10612	4,02579,72413	4,09229
10613	4,02583,81642	4,09191
10614	4,02587,90833	4,09152
10615	4,02591,99985	4,09114
10616	4,02596,09099	4,09075
10617	4,02600,18174	4,09036
10618	4,02604,27210	4,08998
10619	4,02608,36208	4,08959
10620	4,02612,45167	4,08921
10621	4,02616,54088	4,08883
10622	4,02620,62971	4,08844
10623	4,02624,71815	4,08805
10624	4,02628,80620	4,08767
10625	4,02632,89387	4,08729
10626	4,02636,98116	4,08690
10627	4,02641,06806	4,08651
10628	4,02645,15457	4,08614
10629	4,02649,24071	4,08574
10630	4,02653,32645	4,08537
10631	4,02657,41182	4,08497
10632	4,02661,49679	4,08460
10633	4,02665,58139	4,08421
10634	4,02669,66560	4,08382
10635	4,02673,74942	4,08345
10636	4,02677,83287	4,08305
10637	4,02681,91592	4,08268
10638	4,02685,99860	4,08229
10639	4,02690,08089	4,08191
10640	4,02694,16280	4,08152
10641	4,02698,24432	4,08114
10642	4,02702,32546	4,08076
10643	4,02706,40622	4,08037
10644	4,02710,48659	4,07999
10645	4,02714,56658	4,07960
10646	4,02718,64618	4,07923
10647	4,02722,72541	4,07884
10648	4,02726,80425	4,07845
10649	4,02730,88270	4,07808
10650	4,02734,96078	4,07769

 Chilias 11. Chilias 11.

Num.	Logarithmi	Differ.
10651	4,02739,03847	4,07731
10652	4,02743,11578	4,07692
10653	4,02747,19270	4,07654
10654	4,02751,26924	4,07617
10655	4,02755,34541	4,07577
10656	4,02759,42118	4,07540
10657	4,02763,49658	4,07501
10658	4,02767,57159	4,07463
10659	4,02771,64622	4,07425
10660	4,02775,72047	4,07387
10661	4,02779,79434	4,07348
10662	4,02783,86782	4,07310
10663	4,02787,94092	4,07272
10664	4,02792,01364	4,07234
10665	4,02796,08598	4,07195
10666	4,02800,15793	4,07158
10667	4,02804,22951	4,07119
10668	4,02808,30070	4,07081
10669	4,02812,37151	4,07043
10670	4,02816,44194	4,07005
10671	4,02820,51199	4,06967
10672	4,02824,58166	4,06928
10673	4,02828,65094	4,06891
10674	4,02832,71985	4,06852
10675	4,02836,78837	4,06814
10676	4,02840,85651	4,06776
10677	4,02844,92427	4,06738
10678	4,02848,99165	4,06700
10679	4,02853,05865	4,06662
10680	4,02857,12527	4,06624
10681	4,02861,19151	4,06585
10682	4,02865,25736	4,06548
10683	4,02869,32284	4,06509
10684	4,02873,38793	4,06472
10685	4,02877,45265	4,06433
10686	4,02881,51698	4,06396
10687	4,02885,58094	4,06357
10688	4,02889,64451	4,06320
10689	4,02893,70771	4,06281
10690	4,02897,77052	4,06243
10691	4,02901,83295	4,06206
10692	4,02905,89501	4,06167
10693	4,02909,95668	4,06130
10694	4,02914,01798	4,06091
10695	4,02918,07889	4,06054
10696	4,02922,13943	4,06015
10697	4,02926,19958	4,05978
10698	4,02930,25936	4,05939
10699	4,02934,31875	4,05902
10700	4,02938,37777	4,05864

Num.	Logarithmi	Differ.
10701	4,02942,43641	4,05825
10702	4,02946,49466	4,05788
10703	4,02950,55254	4,05750
10704	4,02954,61004	4,05712
10705	4,02958,66716	4,05674
10706	4,02962,72390	4,05637
10707	4,02966,78027	4,05598
10708	4,02970,83625	4,05561
10709	4,02974,89186	4,05522
10710	4,02978,94708	4,05485
10711	4,02983,00193	4,05447
10712	4,02987,05640	4,05409
10713	4,02991,11049	4,05371
10714	4,02995,16420	4,05334
10715	4,02999,21754	4,05295
10716	4,03003,27049	4,05258
10717	4,03007,32307	4,05220
10718	4,03011,37527	4,05182
10719	4,03015,42709	4,05145
10720	4,03019,47854	4,05106
10721	4,03023,52960	4,05069
10722	4,03027,58029	4,05031
10723	4,03031,63060	4,04993
10724	4,03035,68053	4,04956
10725	4,03039,73009	4,04917
10726	4,03043,77926	4,04880
10727	4,03047,82806	4,04842
10728	4,03051,87648	4,04805
10729	4,03055,92453	4,04767
10730	4,03059,97220	4,04729
10731	4,03064,01949	4,04691
10732	4,03068,06640	4,04654
10733	4,03072,11294	4,04616
10734	4,03076,15910	4,04578
10735	4,03080,20488	4,04540
10736	4,03084,25028	4,04503
10737	4,03088,29531	4,04465
10738	4,03092,33996	4,04428
10739	4,03096,38424	4,04390
10740	4,03100,42814	4,04352
10741	4,03104,47166	4,04314
10742	4,03108,51480	4,04277
10743	4,03112,55757	4,04240
10744	4,03116,59997	4,04201
10745	4,03120,64198	4,04164
10746	4,03124,68362	4,04127
10747	4,03128,72489	4,04089
10748	4,03132,76578	4,04051
10749	4,03136,80629	4,04014
10750	4,03140,84643	4,03976

Num.	Logarithmi	Differ.
10751	4,03144,88619	4,03938
10752	4,03148,92557	4,03901
10753	4,03152,96458	4,03863
10754	4,03157,00321	4,03826
10755	4,03161,04147	4,03789
10756	4,03165,07936	4,03750
10757	4,03169,11686	4,03713
10758	4,03173,15399	4,03676
10759	4,03177,19075	4,03638
10760	4,03181,22713	4,03601
10761	4,03185,26314	4,03563
10762	4,03189,29877	4,03526
10763	4,03193,33403	4,03488
10764	4,03197,36891	4,03451
10765	4,03201,40342	4,03413
10766	4,03205,43755	4,03376
10767	4,03209,47131	4,03338
10768	4,03213,50469	4,03301
10769	4,03217,53770	4,03263
10770	4,03221,57033	4,03226
10771	4,03225,60259	4,03188
10772	4,03229,63447	4,03151
10773	4,03233,66598	4,03114
10774	4,03237,69712	4,03076
10775	4,03241,72788	4,03039
10776	4,03245,75827	4,03002
10777	4,03249,78829	4,02964
10778	4,03253,81793	4,02926
10779	4,03257,84719	4,02890
10780	4,03261,87609	4,02851
10781	4,03265,90460	4,02815
10782	4,03269,93275	4,02777
10783	4,03273,96052	4,02740
10784	4,03277,98792	4,02702
10785	4,03282,01494	4,02666
10786	4,03286,04160	4,02627
10787	4,03290,06787	4,02591
10788	4,03294,09378	4,02553
10789	4,03298,11931	4,02516
10790	4,03302,14447	4,02478
10791	4,03306,16925	4,02442
10792	4,03310,19367	4,02404
10793	4,03314,21771	4,02366
10794	4,03318,24137	4,02330
10795	4,03322,26467	4,02292
10796	4,03326,28759	4,02255
10797	4,03330,31014	4,02217
10798	4,03334,33231	4,02181
10799	4,03338,35412	4,02143
10800	4,03342,37555	4,02106

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10801	4,03346,39661	4,02068	10851	4,03546,97635	4,00216	10901	4,03746,63396	3,98381
10802	4,03350,41729	4,02032	10852	4,03550,97851	4,00179	10902	4,03750,61777	3,98344
10803	4,03354,43761	4,01994	10853	4,03554,98030	4,00142	10903	4,03754,60121	3,98307
10804	4,03358,45755	4,01957	10854	4,03558,98172	4,00106	10904	4,03758,58428	3,98271
10805	4,03362,47712	4,01920	10855	4,03562,98278	4,00069	10905	4,03762,56699	3,98235
10806	4,03366,49632	4,01883	10856	4,03566,98347	4,00031	10906	4,03766,54934	3,98197
10807	4,03370,51515	4,01845	10857	4,03570,98378	3,99995	10907	4,03770,53131	3,98162
10808	4,03374,53360	4,01808	10858	4,03574,98373	3,99958	10908	4,03774,51293	3,98125
10809	4,03378,55168	4,01772	10859	4,03578,08331	3,99922	10909	4,03778,49418	3,98088
10810	4,03382,56940	4,01733	10860	4,03582,98253	3,99884	10910	4,03782,47506	3,98052
10811	4,03386,58673	4,01697	10861	4,03586,98137	3,99848	10911	4,03786,45558	3,98015
10812	4,03390,60370	4,01660	10862	4,03590,97985	3,99810	10912	4,03790,43573	3,97979
10813	4,03394,62030	4,01622	10863	4,03594,97795	3,99774	10913	4,03794,41552	3,97942
10814	4,03398,63652	4,01586	10864	4,03598,97569	3,99738	10914	4,03798,39494	3,97906
10815	4,03402,65238	4,01548	10865	4,03602,97307	3,99700	10915	4,03802,37400	3,97870
10816	4,03406,66786	4,01511	10866	4,03606,97007	3,99664	10916	4,03806,35270	3,97833
10817	4,03410,68297	4,01474	10867	4,03610,96671	3,99626	10917	4,03810,33103	3,97797
10818	4,03414,69771	4,01437	10868	4,03614,96297	3,99591	10918	4,03814,30900	3,97760
10819	4,03418,71208	4,01400	10869	4,03618,95888	3,99553	10919	4,03818,28660	3,97724
10820	4,03422,72608	4,01362	10870	4,03622,95441	3,99516	10920	4,03822,26384	3,97687
10821	4,03426,73970	4,01326	10871	4,03626,94957	3,99480	10921	4,03826,24071	3,97651
10822	4,03330,75296	4,01288	10872	4,03630,94437	3,99443	10922	4,03830,21722	3,97615
10823	4,03434,76584	4,01252	10873	4,03634,93880	3,99407	10923	4,03834,19337	3,97578
10824	4,03438,77836	4,01214	10874	4,03638,93287	3,99369	10924	4,03838,16915	3,97541
10825	4,03442,79050	4,01178	10875	4,03642,92656	3,99333	10925	4,03842,14456	3,97506
10826	4,03446,80228	4,01140	10876	4,03646,91989	3,99296	10926	4,03846,11962	3,97469
10827	4,03450,81368	4,01103	10877	4,03650,91285	3,99260	10927	4,03850,09431	3,97432
10828	4,03454,82471	4,01066	10878	4,03654,90545	3,99223	10928	4,03854,06863	3,97397
10829	4,03458,83537	4,01029	10879	4,03658,89768	3,99186	10929	4,03858,04260	3,97359
10830	4,03462,84566	4,00992	10880	4,03662,88954	3,99149	10930	4,03862,01619	3,97324
10831	4,03466,85558	4,00955	10881	4,03666,88103	3,99113	10931	4,03865,98943	3,97287
10832	4,03470,86513	4,00918	10882	4,03670,87216	3,99076	10932	4,03869,96230	3,97251
10833	4,03474,87431	4,00882	10883	4,03674,86292	3,99039	10933	4,03873,93481	3,97215
10834	4,03478,88313	4,00844	10884	4,03678,85331	3,99003	10934	4,03877,90696	3,97178
10835	4,03482,89157	4,00807	10885	4,03682,84334	3,98966	10935	4,03881,87874	3,97142
10836	4,03486,89964	4,00770	10886	4,03686,83300	3,98929	10936	4,03885,85016	3,97105
10837	4,03490,90734	4,00733	10887	4,03690,82229	3,98893	10937	4,03889,82121	3,97069
10838	4,03494,91467	4,00696	10888	4,03694,81122	3,98856	10938	4,03893,79190	3,97033
10839	4,03498,92163	4,00659	10889	4,03698,79978	3,98820	10939	4,03897,76223	3,96997
10840	4,03502,92822	4,00622	10890	4,03702,78798	3,98782	10940	4,03901,73220	3,96960
10841	4,03506,93444	4,00585	10891	4,03706,77580	3,98747	10941	4,03905,70180	3,96924
10842	4,03510,94029	4,00549	10892	4,03710,76327	3,98709	10942	4,03909,67104	3,96888
10843	4,03514,94578	4,00511	10893	4,03714,75036	3,98673	10943	4,03913,63992	3,96852
10844	4,03518,95089	4,00475	10894	4,03718,73709	3,98637	10944	4,03917,60844	3,96815
10845	4,03522,95564	4,00437	10895	4,03722,72346	3,98600	10945	4,03921,57659	3,96779
10846	4,03526,96001	4,00401	10896	4,03726,70946	3,98563	10946	4,03925,54438	3,96743
10847	4,03530,06402	4,00363	10897	4,03730,69509	3,98527	10947	4,03929,51181	3,96706
10848	4,03534,96765	4,00327	10898	4,03734,68036	3,98490	10948	4,03933,47887	3,96671
10849	4,03538,97092	4,00290	10899	4,03738,66526	3,98453	10949	4,03937,44558	3,96634
10850	4,03542,97382	4,00253	10900	4,03742,64979	3,98417	10950	4,03941,41192	3,96598

Chilias 11.

Num.	Logarithmi	Differ.
10951	4,03945,37790	3,96561
10952	4,03949,34351	3,96526
10953	4,03953,30877	3,96489
10954	4,03957,27366	3,96453
10955	4,03961,23819	3,96417
10956	4,03965,20236	3,96380
10957	4,03969,16616	3,96345
10958	4,03973,12961	3,96308
10959	4,03977,09269	3,96272
10960	4,03981,05541	3,96236
10961	4,03985,01777	3,96200
10962	4,03988,97977	3,96164
10963	4,03992,94141	3,96128
10964	4,03996,90269	3,96091
10965	4,04000,86360	3,96055
10966	4,04004,82415	3,96020
10967	4,04008,78435	3,95983
10968	4,04012,74418	3,95947
10969	4,04016,70365	3,95911
10970	4,04020,66276	3,95875
10971	4,04024,62151	3,95838
10972	4,04028,57989	3,95803
10973	4,04032,53792	3,95767
10974	4,04036,49559	3,95730
10975	4,04040,45289	3,95695
10976	4,04044,40984	3,95658
10977	4,04048,36642	3,95622
10978	4,04052,32264	3,95587
10979	4,04056,27851	3,95550
10980	4,04060,23401	3,95514
10981	4,04064,18915	3,95479
10982	4,04068,14394	3,95442
10983	4,04072,09836	3,95406
10984	4,04076,05242	3,95371
10985	4,04080,00613	3,95334
10986	4,04083,95947	3,95298
10987	4,04087,91245	3,95262
10988	4,04091,86507	3,95227
10989	4,04095,81734	3,95190
10990	4,04099,76924	3,95155
10991	4,04103,72079	3,95118
10992	4,04107,67197	3,95083
10993	4,04111,62280	3,95046
10994	4,04115,57326	3,95011
10995	4,04119,52337	3,94975
10996	4,04123,47312	3,94939
10997	4,04127,42251	3,94902
10998	4,04131,37153	3,94867
10999	4,04135,32020	3,94832
11000	4,04139,26852	3,94795

Chilias 12.

Num.	Logarithmi	Differ.
11001	4,04143,21647	3,94759
11002	4,04147,16406	3,94723
11003	4,04151,11139	3,94688
11004	4,04155,05817	3,94652
11005	4,04159,00469	3,94616
11006	4,04162,95085	3,94580
11007	4,04166,89665	3,94544
11008	4,04170,84209	3,94508
11009	4,04174,78717	3,94473
11010	4,04178,73190	3,94436
11011	4,04182,67626	3,94401
11012	4,04186,62027	3,94365
11013	4,04190,56392	3,94329
11014	4,04194,50721	3,94294
11015	4,04198,45015	3,94257
11016	4,04202,39272	3,94222
11017	4,04206,33494	3,94186
11018	4,04210,27680	3,94151
11019	4,04214,21831	3,94114
11020	4,04218,15945	3,94079
11021	4,04222,10024	3,94043
11022	4,04226,04067	3,94007
11023	4,04229,98074	3,93972
11024	4,04233,92046	3,93935
11025	4,04237,85981	3,93900
11026	4,04241,79881	3,93865
11027	4,04245,73746	3,93828
11028	4,04249,67574	3,93793
11029	4,04253,61367	3,93757
11030	4,04257,55124	3,93722
11031	4,04261,48846	3,93686
11032	4,04265,42532	3,93650
11033	4,04269,36182	3,93614
11034	4,04273,29796	3,93579
11035	4,04277,23375	3,93543
11036	4,04281,16918	3,93508
11037	4,04285,10426	3,93471
11038	4,04289,03897	3,93436
11039	4,04292,97333	3,93401
11040	4,04296,90734	3,93365
11041	4,04300,84099	3,93329
11042	4,04304,77428	3,93294
11043	4,04308,70722	3,93258
11044	4,04312,63980	3,93222
11045	4,04316,57202	3,93187
11046	4,04320,50389	3,93151
11047	4,04324,43540	3,93116
11048	4,04328,36656	3,93080
11049	4,04332,29736	3,93044
11050	4,04336,22780	3,93009

Chilias 12.

Num.	Logarithmi	Differ.
11051	4,04340,15789	3,92973
11052	4,04344,08762	3,92938
11053	4,04348,01700	3,92902
11054	4,04351,94602	3,92867
11055	4,04355,87469	3,92831
11056	4,04359,80300	3,92796
11057	4,04363,73096	3,92760
11058	4,04367,65856	3,92725
11059	4,04371,58581	3,92689
11060	4,04375,51270	3,92653
11061	4,04379,43923	3,92618
11062	4,04383,36541	3,92583
11063	4,04387,29124	3,92547
11064	4,04391,21671	3,92512
11065	4,04395,14183	3,92476
11066	4,04399,06659	3,92440
11067	4,04402,99099	3,92406
11068	4,04406,91505	3,92369
11069	4,04410,83874	3,92335
11070	4,04414,76209	3,92299
11071	4,04418,68508	3,92263
11072	4,04422,60771	3,92228
11073	4,04426,52999	3,92193
11074	4,04430,45192	3,92157
11075	4,04434,37349	3,92122
11076	4,04438,29471	3,92086
11077	4,04442,21557	3,92051
11078	4,04446,13608	3,92016
11079	4,04450,05624	3,91980
11080	4,04453,97604	3,91945
11081	4,04457,89549	3,91909
11082	4,04461,81458	3,91874
11083	4,04465,73332	3,91839
11084	4,04469,65171	3,91804
11085	4,04473,56975	3,91768
11086	4,04477,48743	3,91732
11087	4,04481,40475	3,91698
11088	4,04485,32173	3,91662
11089	4,04489,23835	3,91626
11090	4,04493,15461	3,91592
11091	4,04497,07053	3,91556
11092	4,04500,98609	3,91521
11093	4,04504,90130	3,91485
11094	4,04508,81615	3,91451
11095	4,04512,73066	3,91415
11096	4,04516,64481	3,91379
11097	4,04520,55860	3,91345
11098	4,04524,47205	3,91309
11099	4,04528,38514	3,91274
11100	4,04532,29788	3,91239

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
11101	4,04536,21027	3,91203	11151	4,04731,38158	3,89450	11201	4,04925,67972	3,87711
11102	4,04540,12230	3,91168	11152	4,04735,27608	3,89414	11202	4,04929,55683	3,87677
11103	4,04544,03398	3,91133	11153	4,04739,17022	3,89380	11203	4,04933,43360	3,87642
11104	4,04547,94531	3,91098	11154	4,04743,06402	3,89344	11204	4,04937,31002	3,87607
11105	4,04551,85629	3,91062	11155	4,04746,95746	3,89310	11205	4,04941,18609	3,87572
11106	4,04555,76691	3,91028	11156	4,04750,85056	3,89275	11206	4,04945,06181	3,87538
11107	4,04559,67719	3,90992	11157	4,04754,74331	3,89240	11207	4,04948,93719	3,87504
11108	4,04563,58711	3,90957	11158	4,04758,63571	3,89205	11208	4,04952,81223	3,87469
11109	4,04567,49668	3,90921	11159	4,04762,52776	3,89170	11209	4,04956,68692	3,87434
11110	4,04571,40589	3,90887	11160	4,04766,41946	3,89135	11210	4,04960,56126	3,87400
11111	4,04575,31476	3,90851	11161	4,04770,31081	3,89101	11211	4,04964,43526	3,87365
11112	4,04579,22327	3,90816	11162	4,04774,20182	3,89065	11212	4,04968,30891	3,87331
11113	4,04583,13143	3,90781	11163	4,04778,09247	3,89031	11213	4,04972,18222	3,87296
11114	4,04587,03924	3,90746	11164	4,04781,98278	3,88996	11214	4,04976,05518	3,87261
11115	4,04590,94670	3,90711	11165	4,04785,87274	3,88961	11215	4,04979,92779	3,87227
11116	4,04594,85381	3,90676	11166	4,04789,76235	3,88926	11216	4,04983,80006	3,87193
11117	4,04598,76057	3,90640	11167	4,04793,65161	3,88892	11217	4,04987,67199	3,87158
11118	4,04602,66697	3,90605	11168	4,04797,54053	3,88856	11218	4,04991,54357	3,87123
11119	4,04606,57302	3,90570	11169	4,04801,42909	3,88822	11219	4,04995,41480	3,77089
11120	4,04610,47872	3,90535	11170	4,04805,31731	3,88787	11220	4,04999,28569	3,87055
11121	4,04614,38407	3,90500	11171	4,04809,20518	3,88752	11221	4,05003,15624	3,87020
11122	4,04618,28907	3,90465	11172	4.04813,09270	3,88718	11222	4,05007,02644	3,86985
11123	4,04622,19372	3,90430	11173	4,04816,97988	3,88682	11223	4,05010,89629	3,86951
11124	4,04626,09802	3,90395	11174	4,04820,86670	3,88648	11224	4,05014,76580	3,86917
11125	4,04630,00197	3,90359	11175	4,04824,75318	3,88613	11225	4,05018,63497	3,86882
11126	4,04633,90556	3,90324	11176	4,04828,63931	3,88578	11226	4,05022,50379	3,86847
11127	4,04637,80880	3,90290	11177	4,04832,52509	3,88544	11227	4,05026,37226	3,86814
11128	4,04641,71170	3,90254	11178	4,04836,41053	3,88509	11228	4,05030,24040	3,86778
11129	4,04645,61424	3,90219	11179	4,04840,29562	3,88474	11229	4,05034,10818	3,86745
11130	4,04649,51643	3,90185	11180	4,04844,18036	3,88439	11230	4,05037,97563	3,86709
11131	4,04653,41828	3,90149	11181	4,04848,06475	3,88404	11231	4,05041,84272	3,86676
11132	4,04657,31977	3,90114	11182	4,04851,94879	3,88370	11232	4,05045,70948	3,86641
11133	4,04661,22091	3,90079	11183	4,04855,83249	3,88335	11233	4,05049,57589	3,86606
11134	4,04665,12170	3,90044	11184	4,04859,71584	3,88300	11234	4,05053,44195	3,86573
11135	4,04669,02214	3,90009	11185	4,04863,59884	3,88266	11235	4,05057,30768	3,86537
11136	4,04672,92223	3,89974	11186	4,04867,48150	3,88231	11236	4,05061,17305	3,86504
11137	4,04676,82197	3,89939	11187	4,04871,36381	3,88196	11237	4,05065,03809	3,86469
11138	4,04680,72136	3,89903	11188	4,04875,24577	3,88161	11238	4,05068,90278	3,86434
11139	4,04684,62039	3,89869	11189	4,04879,12738	3,88127	11239	4,05072,76712	3,86401
11140	4,04688,51908	3,89834	11190	4,04883,00865	3,88092	11240	4,05076,63113	3,86365
11141	4,04692,41742	3,89799	11191	4,04886,88957	3,88058	11241	4,05080,49478	3,86332
11142	4,04696,31541	3,89764	11192	4,04890,77015	3,88023	11242	4,05084,35810	3,86297
11143	4,04700,21305	3,89729	11193	4,04894,65038	3,87988	11243	4,05088,22107	3,86262
11144	4,04704,11034	3,89694	11194	4,04898,53026	3,87953	11244	4,05092,08369	3,86229
11145	4,04708,00728	3,89659	11195	4,04902,40979	3,87919	11245	4,05095,94598	3,86194
11146	4,04711,90387	3,89624	11196	4,04906,28898	3,87884	11246	4,05099,80792	3,86159
11147	4,04715,80011	3,89589	11197	4,04910,16782	3,87850	11247	4,05103,66951	3,86126
11148	4,04719,69600	3,89555	11198	4,04914,04632	3,87814	11248	4,05107,53077	3,86091
11149	4,04723,59155	3,89519	11199	4,04917,92446	3,87781	11249	4,05111,39168	3,86056
11150	4,04727,48674	3,89484	11200	4,04921,80227	3,87745	11250	4,05115,25224	3,86023

Num.	Logarithmi	Differ.
11251	4,05119,11247	3,85988
11252	4,05122,97235	3,85954
11253	4,05126,83189	3,85919
11254	4,05130,69108	3,85885
11255	4,05134,54993	3,85851
11256	4,05138,40844	3,85817
11257	4,05142,26661	3,85782
11258	4,05146,12443	3,85748
11259	4,05149,98191	3,85714
11260	4,05153,83905	3,85680
11261	4,05157,69585	3,85645
11262	4,05161,55230	3,85611
11263	4,05165,40841	3,85577
11264	4,05169,26418	3,85543
11265	4,05173,11961	3,85508
11266	4,05176,97469	3,85474
11267	4,05180,82943	3,85440
11268	4,05184,68383	3,85406
11269	4,05188,53789	3,85371
11270	4,05192,39160	3,85338
11271	4,05196,24498	3,85303
11272	4,05200,09801	3,85269
11273	4,05203,95070	3,35235
11274	4,05207,80305	3,85201
11275	4,05211,65506	3,85166
11276	4,05215,50672	3,85132
11277	4,05219,35804	3,85099
11278	4,05223,20903	3,85064
11279	4,05227,05967	3,85029
11280	4,05230,90996	3,84996
11281	4,05234,75992	3,84962
11282	4,05238,60954	3,84927
11283	4,05242,45881	3,84894
11284	4,05246,30775	3,84859
11285	4,05250,15634	3,84825
11286	4,05254,00459	3,84791
11287	4,05257,85250	3,84757
11288	4,05261,70007	3,84723
11289	4,05265,54730	3,84689
11290	4,05269,39419	3,84655
11291	4,05273,24074	3,84621
11292	4,05277,08695	3,84586
11293	4,05280,93280	3,84553
11294	4,05284,77834	3,84519
11295	4,05288,62353	3,84484
11296	4,05292,46837	3,84451
11297	4,05296,31288	3,84416
11298	4,05300,15704	3,84382
11299	4,05304,00086	3,84349
11300	4,05307,84435	3,84314

Num.	Logarithmi	Differ.
11301	4,05311,68749	3,84281
11302	4,05315,53030	3,84246
11303	4,05319,37276	3,84212
11304	4,05323,21488	3,84179
11305	4,05327,05667	3,84144
11366	4,05330,89811	3,84111
11307	4,05334,73922	3,84076
11308	4,05338,57998	3,84043
11309	4,05342,42041	3,84008
11310	4,05346,26049	3,83975
11311	4,05350,10024	3,83941
11312	4,05353,93965	3,83906
11313	4,05357,77871	3,83873
11314	4,05361,61744	3,83839
11315	4,05365,45583	3,83805
11316	4,05369,29388	3,83771
11317	4,05373,13159	3,83737
11318	4,05376,96896	3,83703
11319	4,05380,80599	3,83670
11320	4,05384,64269	3,83635
11321	4,05388,47904	3,83601
11322	4,05392,31505	3,83568
11323	4,05396,15073	3,83534
11324	4,05399,98607	3,83500
11325	4,05403,82107	3,83466
11326	4,05407,65573	3,83432
11327	4,05411,49005	3,83398
11328	4,05415,32403	3,83365
11329	4,05419,15768	3,83331
11330	4,05422,99099	3,83296
11331	4,05426,82395	3,83263
11332	4,05430,65685	3,83230
11333	4,05434,48888	3,83195
11334	4,05438,32083	3,83162
11335	4,05442,15245	3,83127
11336	4,05445,98372	3,83094
11337	4,05449,81466	3,83061
11338	4,05453,64527	3,83026
11339	4,05457,47553	3,82993
11340	4,05461,30546	3,82958
11341	4,05465,13504	3,82925
11342	4,05468,96429	3,82892
11343	4,05472,79321	3,82857
11344	4,05476,62178	3,82824
11345	4,05480,45002	3,82790
11346	4,05484,27792	3,82757
11347	4,05488,10549	3,82722
11348	4,05491,93271	3,82689
11349	4,05495,75960	3,82655
11350	4,05499,58615	3,82622

Num.	Logarithmi	Differ.
11351	4,05503,41237	3,82587
11352	4,05507,23824	3,82555
11353	4,05511,06379	3,82520
11354	4,05514,88899	3,82487
11355	4,05518,71386	3,82453
11356	4,05522,53839	3,82419
11357	4,05526,36258	3,82385
11358	4,05530,18643	3,82352
11359	4,05534,00995	3,82319
11360	4,05537,83314	3,82284
11361	4,05541,65598	3,82251
11362	4,05545,47849	3,82218
11363	4,05549,30067	3,82184
11364	4,05553,12251	3,82150
11365	4,05556,94401	3,82116
11366	4,05560,76517	3,82083
11367	4,05564,58600	3,82049
11368	4,05568,40649	3,82016
11369	4,05572,22665	3,81982
11370	4,05576,04647	3,81948
11371	4,05579,86595	3,81915
11372	4,05583,68510	3,81881
11373	4,05587,50391	3,81848
11374	4,05591,32239	3,81814
11375	4,05595,14053	3,81781
11376	4,05598,95834	3,81747
11377	4,05602,77581	3,81713
11378	4,05606,59294	3,81680
11379	4,05610,40974	3,81647
11380	4,05614,22621	3,81612
11381	4,05618,04233	3,81580
11382	4,05621,85813	3,81546
11383	4,05625,67359	3,81512
11384	4,05629,48871	3,81479
11385	4,05633,30350	3,81445
11386	4,05637,11795	3,81411
11387	4,05640,93206	3,81379
11388	4,05644,74585	3,81345
11389	4,05648,55930	3,81311
11390	4,05652,37241	3,81278
11391	4,05656,18519	3,81244
11392	4,05659,99763	3,81211
11393	4,05663,80974	3,81177
11394	4,05667,62151	3,81144
11395	4,05671,43295	3,81111
11396	4,05675,24406	3,81077
11397	4,05679,05483	3,81043
11398	4,05682,86526	3,81011
11399	4,05686,67537	3,80976
11400	4,05690,48513	3,80940

Num.	Logarithmi	Differ.
11401	4,05694,29457	3,80910
11402	4,05698,10367	3,80876
11403	4,05701,91243	3,80843
11404	4,05705,72086	3,80810
11405	4,05709,52896	3,80776
11406	4,05713,33672	3,80743
11407	4,05717,14415	3,80710
11408	4,05720,95125	3,80676
11409	4,05724,75801	3,80643
11410	4,05728,56444	3,80610
11411	4,05732,37054	3,80576
11412	4,05736,17630	3,80543
11413	4,05739,98173	3,80509
11414	4,05743,78682	3,80476
11415	4,05747,59158	3,80443
11416	4,05751,39601	3,80410
11417	4,05755,20011	3,80376
11418	4,05759,00387	3,80343
11419	4,05762,80730	3,80309
11420	4,05766,61039	3,80276
11421	4,05770,41315	3,80243
11422	4,05774,21558	3,80210
11423	4,05778,01768	3,80176
11424	4,05781,81944	3,80143
11425	4,05785,62087	3,80110
11426	4,05789,42197	3,80077
11427	4,05793,22274	3,80043
11428	4,05797,02317	3,80010
11429	4,05800,82327	3,79977
11430	4,05804,62304	3,79944
11431	4,05808,42248	3,79910
11432	4,05812,22158	3,79877
11433	4,05816,02035	3,79844
11434	4,05819,81879	3,79810
11435	4,05823,61689	3,79778
11436	4,05827,41467	3,79744
11437	4,05831,21211	3,79711
11438	4,05835,00922	3,79678
11439	4,05838,80600	3,79645
11440	4,05842,69245	3,79611
11441	4,05846,39856	3,79578
11442	4,05850,19434	3,79545
11443	4,05853,98979	3,79512
11444	4,05857,78491	3,79479
11445	4,05861,57970	3,79446
11446	4,05865,37416	3,79412
11447	4,05869,16828	3,79380
11448	4,05872,96208	3,79346
11449	4,05876,75554	3,79313
11450	4,05880,54867	3,79280

Num.	Logarithmi	Differ.
11451	4,05884,34147	3,79246
11452	4,05888,13393	3,79214
11453	4,05891,92607	3,79181
11454	4,05895,71788	3,79147
11455	4,05899,50935	3,79115
11456	4,05903,30050	3,79081
11457	4,05907,09131	3,79048
11458	4,05910,88179	3,79015
11459	4,05914,67194	3,78982
11460	4,05918,46176	3,78949
11461	4,05922,25125	3,78916
11462	4,05926,04041	3,78883
11463	4,05929,82924	3,78850
11464	4,05933,61774	3,78817
11465	4,05937,40591	3,78783
11466	4,05941,19374	3,78751
11467	4,05944,98125	3,78718
11468	4,05948,76843	3,78684
11469	4,95952,55527	3,78652
11470	4,05956,34179	3,78619
11471	4,05960,12798	3,78585
11472	4,05963,91383	3,78553
11473	4,05967,69936	3,78519
11474	4,05971,48455	3,78487
11475	4,05975,26942	3,78454
11476	4,05979,05396	3,78420
11477	4,05982,83816	3,78388
11478	4,05986,62204	3,78355
11479	4,05990,40559	3,78322
11480	4,05994,18881	3,78288
11481	4,05997,97169	3,78256
11482	4,06001,75425	3,78223
11483	4,06005,53648	3,78190
11484	4,06009,31838	3,78157
11485	4,06013,09995	3,78124
11486	4,06016,88119	3,78092
11487	4,06020,66211	3,78058
11488	4,06024,44269	3,78025
11489	4,06028,22294	3,77993
11490	4,06032,00287	3,77959
11491	4,06035,78246	3,77927
11492	4,06039,56173	3,77894
11493	4,06043,34067	3,77861
11494	4,06047,11928	3,77828
11495	4,06050,89756	3,77795
11496	4,06054,67551	3,77763
11497	4,06058,45314	3,77729
11498	4,06062,23043	3,77697
11499	4,06066,00740	3,77604
11500	4,06069,78404	3,77630

Num.	Logarithmi	Differ.
11501	4,06073,56034	3,77599
11502	4,06077,33633	3,77565
11503	4,06081,11198	3,77532
11504	4,06084,88730	3,77500
11505	4,06088,66230	3,77467
11506	4,06092,43697	3,77434
11507	4,06096,21131	3,77401
11508	4,06099,98532	3,77369
11509	4,06103,75901	3,77335
11510	4,06107,53236	3,77303
11511	4,06111,30539	3,77270
11512	4,06115,07809	3,77238
11513	4,06118,85047	3,77204
11514	4,06122,62251	3,77172
11515	4,06126,39423	3,77139
11516	4,06130,16562	3,77106
11517	4,06133,93668	3,77074
11518	4,06137,70742	3,77041
11519	4,06141,47783	3,77008
11520	4,06145,24791	3,76975
11521	4,06149,01766	3,76943
11522	4,06152,78709	3,76910
11523	4,06156,55619	3,76877
11524	4,06160,32496	3,76845
11525	4,06164,09341	3,76811
11526	4,06167,86152	3,76780
11527	4,06171,62932	3,76746
11528	4,06175,39678	3,76714
11529	4,06179,16392	3,76681
11530	4,06182,93073	3,76648
11531	4,06186,69721	3,76616
11532	4,06190,46337	3,75683
11533	4,06194,22920	3,76551
11534	4,06197,99471	3,76518
11535	4,06201,75989	3,76485
11536	4,06205,52474	3,76452
11537	4,06209,28926	3,76420
11538	4,06213,05346	3,76388
11539	4,06216,81734	3,76354
11540	4,06220,58088	3,76322
11541	4,06224,34410	3,76290
11542	4,06228,10700	3,76257
11543	4,06231,86957	3,76224
11544	4,06235,63181	3,76192
11545	4,06239,39373	3,76159
11546	4,06243,15532	3,76126
11547	4,06246,91658	3,76094
11548	4,06250,67752	3,76061
11549	4,06254,43813	3,76029
11550	4,06258,19842	3,75997

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
11551	4,06261,95839	3,75963	11601	4,06449,54268	3,74343	11651	4,06636,32023	3,72737
11552	4,06265,71802	3,75931	11602	4,06453,28611	3,74311	11652	4,06640,04760	3,72705
11553	4,06269,47733	3,75899	11603	4,06457,02922	3,74279	11653	4,06643,77465	3,72673
11554	4,06273,23632	3,75866	11604	4,06460,77201	3,74247	11654	4,06647,50138	3,72641
11555	4,06276,99498	3,75834	11605	4,06464,51448	3,74214	11655	4,06651,22779	3,72609
11556	4,06280,75332	3,75801	11606	4,06468,25662	3,74182	11656	4,06654,95388	3,72577
11557	4,06284,51133	3,75768	11607	4,06471,99844	3,74150	11657	4,06658,67965	3,72545
11558	4,06288,26901	3,75736	11608	4,06475,73994	3,74118	11658	4,06662,40510	3,72513
11559	4,06292,02637	3,75704	11609	4,06479,48112	3,74085	11659	4,06666,13023	3,72481
11560	4,06295,78341	3,75671	11610	4,06483,22197	3,74054	11660	4,06669,85504	3,72450
11561	4,06299,54012	3,75638	11611	4,06486,96251	3,74021	11661	4,06673,57954	3,72417
11562	4,06303,29650	3,75606	11612	4,06490,70272	3,73988	11662	4,06677,30371	3,72385
11563	4,06307,05256	3,75574	11613	4,06494,44260	3,73957	11663	4,06681,02756	3,72354
11564	4,06310,80830	3,75541	11614	4,06498,18217	3,73924	11664	4,06684,75110	3,72321
11565	4,06314,56371	3,75509	11615	4,06501,92141	3,73893	11665	4,06688,47431	3,72290
11566	4,06318,31880	3,75476	11616	4,06505,66034	3,73860	11666	4,06692,19721	3,72258
11567	4,06322,07356	3,75444	11617	4,06509,39894	3,73827	11667	4,06695,91979	3,72225
11568	4,06325,82800	3,75411	11618	4,06513,13721	3,73796	11668	4,06699,64204	3,72194
11569	4,06329,58211	3,75379	11619	4,06516,87517	3,73764	11669	4,06703,36398	3,72162
11570	4,06333,33590	3,75346	11620	4,06520,61281	3,73731	11670	4,06707,08560	3,72131
11571	4,06337,08936	3,75314	11621	4,06524,35012	3,73699	11671	4,06710,80691	3,72098
11572	4,06340,84250	3,75281	11622	4,06528,08711	3,73667	11672	4,06714,52789	3,72066
11573	4,06344,59531	3,75249	11623	4,06531,82378	3,73635	11673	4,06718,24855	3,72035
11574	4,06348,34780	3,75217	11624	4,06535,56013	3,73603	11674	4,06721,96890	3,72002
11575	4,06352,09997	3,75184	11625	4,06539,29616	3,73570	11675	4,06725,68892	3,71971
11576	4,06355,85181	3,75152	11626	4,06543,03186	3,73539	11676	4,06729,40863	3,71939
11577	4,06359,60333	3,75119	11627	4,06546,76725	3,73506	11677	4,06733,12802	3,71907
11578	4,06363,35452	3,75087	11628	4,06550,50231	3,73474	11678	4,06736,84709	3,71875
11579	4,06367,10539	3,75055	11629	4,06554,23705	3,73442	11679	4,06740,56584	3,71844
11580	4,06370,85594	3,75022	11630	4,06557,97147	3,73410	11680	4,06744,28428	3,71811
11581	4,06374,60616	3,74990	11631	4,06561,70557	3,73378	11681	4,06748,00239	3,71780
11582	4,06378,35606	3,74957	11632	4,06565,43935	3,73346	11682	4,06751,72019	3,71748
11583	4,06382,10563	3,74926	11633	4,06569,17281	3,73314	11683	4,06755,43767	3,71716
11584	4,06385,85489	3,74892	11634	4,06572,90595	3,73281	11684	4,06759,15483	3,71684
11585	4,06389,60381	3,74861	11635	4,06576,63876	3,73250	11685	4,06762,87167	3,71653
11586	4,06393,35242	3,74828	11636	4,06580,37126	3,73217	11686	4,06766,58820	3,71620
11587	4,06397,10070	3,74795	11637	4,06584,10343	3,73186	11687	4,06770,30440	3,71589
11588	4,06400,84865	3,74764	11638	4,06587,83529	3,73153	11688	4,06774,02029	3,71557
11589	4,06404,59629	3,74731	11639	4,06591,56682	3,73121	11689	4,06777,73586	3,71526
11590	4,06408,34360	3,74698	11640	4,06595,29803	3,73089	11690	4,06781,45112	3,71493
11591	4,06412,09058	3,74667	11641	4,06599,02892	3,73057	11691	4,06785,16605	3,71462
11592	4,06415,83725	3,74634	11642	4,06602,75949	3,73026	11692	4,06788,88067	3,71430
11593	4,06419,58359	3,74601	11643	4,06606,48975	3,72993	11693	4,06792,59497	3,71398
11594	4,06423,32960	3,74570	11644	4,06610,21968	3,72961	11694	4,06796,30895	3,71366
11595	4,06427,07530	3,74537	11645	4,06613,94929	3,72929	11695	4,06800,02261	3,71335
11596	4,06430,82067	3,74505	11646	4,06617,67858	3,72897	11696	4,06803,73596	3,71303
11597	4,06434,56572	3,74472	11647	4,06621,40755	3,72865	11697	4,06807,44899	3,71271
11598	4,06438,31044	3,74440	11648	4,06625,13620	3,72833	11698	4,06811,16170	3,71239
11599	4,06442,05484	3,74408	11649	4,06628,86453	3,72801	11699	4,06814,87409	3,71208
11600	4,06445,79892	3,74376	11650	4,06632,59254	3,72769	11700	4,06818,58617	3,71176

Num.	Logarithmi	Differ.
11701	4,06822,29793	3,71145
11702	4,06826,00938	3,71112
11703	4,06829,72050	3,71081
11704	4,06833,43131	3,71049
11705	4,06837,14180	3,71018
11706	4,06840,85198	3,70986
11707	4,06844,56184	3,70954
11708	4,06848,27138	3,70922
11709	4,06851,98060	3,70891
11710	4,06855,68951	3,70859
11711	4,06859,39810	3,70827
11712	4,06863,10637	3,70796
11713	4,06866,81433	3,70764
11714	4,06870,52197	3,70732
11715	4,06874,22929	3,70701
11716	4,06877,93630	3,70669
11717	4,06881,64299	3,70638
11718	4,06885,34937	3,70606
11719	4,06889,05543	3,70574
11720	4,06892,76117	3,70542
11721	4,06896,46659	3,70511
11722	4,06900,17170	3,70480
11723	4,06903,87650	3,70448
11724	4,06907,58098	3,70416
11725	4,06911,28514	3,70384
11726	4,06914,98898	3,70354
11727	4,06918,69252	3,70321
11728	4,06922,39573	3,70290
11729	4,06926,09863	3,70258
11730	4,06929,80121	3,70227
11731	4,06933,50348	3,70195
11732	4,06937,20543	3,70164
11733	4,06940,90707	3,70132
11734	4,06944,60839	3,70100
11735	4,06948,30939	3,70069
11736	4,06952,01008	3,70038
11737	4,06955,71046	3,70006
11738	4,06959,41052	3,69974
11739	4,06963,11026	3,69943
11740	4,06966,80969	3,69912
11741	4,06970,50881	3,69879
11742	4,06974,20760	3,69849
11743	4,06977,90609	3,69817
11744	4,06981,60426	3,69785
11745	4,06985,30211	3,69754
11746	4,06988,99965	3,69723
11747	4,06992,69688	3,69691
11748	4,06996,39379	3,69659
11749	4,07000,09038	3,69628
11750	4,07003,78666	3,69597

Chilias 12.

Num.	Logarithmi	Differ.
11751	4,07007,48263	3,69565
11752	4,07011,17828	3,69534
11753	4,07014,87362	3,69502
11754	4,07018,56864	3,69471
11755	4,07022,26335	3,69439
11756	4,07025,95774	3,69408
11757	4,07029,65182	3,69377
11758	4,07033,34559	3,69345
11759	4,07037,03904	3,69313
11760	4,07040,73217	3,69283
11761	4,07044,42500	3,69251
11762	4,07048,11751	3,69219
11763	4,07051,80970	3,69188
11764	4,07055,50158	3,69157
11765	4,07059,19315	3,69126
11766	4,07062,88441	3,69094
11767	4,07066,57535	3,69062
11768	4,07070,26597	3,69031
11769	4,07073,95628	3,69000
11770	4,07077,64628	3,68969
11771	4,07081,33597	3,68937
11772	4,07085,02534	3,68906
11773	4,07088,71440	3,68875
11774	4,07092,40315	3,68843
11775	4,07096,09158	3,68812
11776	4,07099,77970	3,68781
11777	4,07103,46751	3,68749
11778	4,07107,15500	3,68718
11779	4,07110,84218	3,68687
11780	4,07114,52905	3,68655
11781	4,07118,21560	3,68624
11782	4,07121,90184	3,68593
11783	4,07125,58777	3,68561
11784	4,07129,27338	3,68531
11785	4,07132,95869	3,68499
11786	4,07136,64368	3,68467
11787	4,07140,32835	3,68437
11788	4,07144,01272	3,68405
11789	4,07147,69677	3,68374
11790	4,07151,38051	3,68343
11791	4,07155,06394	3,68311
11792	4,07158,74705	3,68280
11793	4,07162,42985	3,68249
11794	4,07166,11234	3,68218
11795	4,07169,79452	3,68187
11796	4,07173,47639	3,68155
11797	4,07177,15794	3,68124
11798	4,07180,83918	3,68093
11799	4,07184,52011	3,68062
11800	4,07188,20073	3,68031

Chilias 12.

Num.	Logarithmi	Differ.
11801	4,07191,88104	3,67999
11802	4,07195,56103	3,67968
11803	4,07199,24071	3,67937
11804	4,07202,92008	3,67906
11805	4,07206,59914	3,67875
11806	4,07210,27789	3,67843
11807	4,07213,95632	3,67813
11808	4,07217,63445	3,67781
11809	4,07221,31226	3,67750
11810	4,07224,98976	3,67719
11811	4,07228,66695	3,67688
11812	4,07232,34383	3,67657
11813	4,07236,02040	3,67625
11814	4,07239,69665	3,67595
11815	4,07243,37260	3,67563
11816	4,07247,04823	3,67532
11817	4,07250,72355	3,67501
11818	4,07254,39856	3,67470
11819	4,07258,07326	3,67439
11820	4,07261,74765	3,67408
11821	4,07265,42173	3,67377
11822	4,07269,09550	3,67346
11823	4,07272,76896	3,67315
11824	4,07276,44211	3,67283
11825	4,07280,11494	3,67253
11826	4,07283,78747	3,67221
11827	4,07287,45968	3,67191
11828	4,07291,13159	3,67159
11829	4,07294,80318	3,67128
11830	4,07298,47446	3,67098
11831	4,07302,14544	3,67066
11832	4,07305,81610	3,67035
11833	4,07309,48645	3,67004
11834	4,07313,15649	3,66974
11835	4,07316,82623	3,66942
11836	4,07320,49565	3,66911
11837	4,07324,16476	3,66880
11838	4,07327,83356	3,66850
11839	4,07331,50206	3,66818
11840	4,07335,17024	3,66787
11841	4,07338,83811	3,66756
11842	4,07342,50567	3,66726
11843	4,07346,17293	3,66694
11844	4,07349,83987	3,66664
11845	4,07353,50651	3,66632
11846	4,07357,17283	3,66602
11847	4,07360,83885	3,66570
11848	4,07364,50455	3,66540
11849	4,07368,16995	3,66508
11850	4,07371,83503	3,66478

 Chilias 12. Chilias 12.

Num.	Logarithmi	Differ.
11851	4,07375,49981	3,66447
11852	4,07379,16428	3,66416
11853	4,07382,82844	3,66385
11854	4,07386,49229	3,66354
11855	4,07390,15583	3,66323
11856	4,07393,81906	3,66293
11857	4,07397,48199	3,66261
11858	4,07401,14460	3,66231
11859	4,07404,80691	3,66199
11860	4,07408,46890	3,66169
11861	4,07412,13059	3,66138
11862	4,07415;79197	3,66107
11863	4,07419,45304	3,66076
11864	4,07423,11380	3,66046
11865	4,07426,77426	3,66014
11866	4,07430,43440	3,65984
11867	4,07434,09424	3,65952
11868	4,07437,75376	3,65922
11869	4,07441,41298	3,65892
11870	4,07445,07190	3,65860
11871	4,07448,73050	3,65829
11872	4,07452,38879	3,65799
11873	4,07456,04678	3,65768
11874	4,07459,70446	3,65737
11875	4,07463,36183	3,65706
11876	4,07467,01889	3,65676
11877	4,07470,67565	3,65644
11878	4,07474,33209	3,65614
11879	4,07477,98823	3,65583
11880	4,07481,64406	3,65553
11881	4,07485,29959	3,65521
11882	4,07488,95480	3,65491
11883	4,07492,60971	3,65460
11884	4,07496,26431	3,65430
11885	4,07499,91861	3,65398
11886	4,07503,57259	3,65368
11887	4,07507,22627	3,65337
11888	4,07510,87964	3,65307
11889	4,07514,53271	3,65275
11890	4,07518,18546	3,65245
11891	4,07521,83791	3,65214
11892	4,07525,49005	3,65184
11893	4,07529,14189	3,65153
11894	4,07532,79342	3,65122
11895	4,07536,44464	3,65091
11896	4,07540,09555	3,65061
11897	4,07543,74616	3,65030
11898	4,07547,39646	3,64999
11899	4,07551,04645	3,64969
11900	4,07554,69614	3,64938

Num.	Logarithmi	Differ.
11901	4,07558,34552	3,64907
11902	4,07561,99459	3,64877
11903	4,07565,64336	3,64846
11904	4,07569,29182	3,64815
11905	4,07572,93997	3,64785
11906	4,07576,58782	3,64754
11907	4,07580,23536	3,64724
11908	4,07583,88260	3,64693
11909	4,07587,52953	3,64662
11910	4,07591,17615	3,64631
11911	4,07594,82246	3,64601
11912	4,07598,46847	3,64571
11913	4,07602,11418	3,64540
11914	4,07605,75958	3,64509
11915	4,07609,40467	3,64478
11916	4,07613,04945	3,64448
11917	4,07616,69393	3,64418
11918	4,07620,33811	3,64387
11919	4,07623,98198	3,64356
11920	4,97627,62554	3,64326
11921	4,07631,26880	3,64295
11922	4,07634,91175	3,64265
11923	4,07638,55440	3,64234
11924	4,07642,19674	3,64203
11925	4,07645,83877	3,64173
11926	4,07649,48050	3,64143
11927	4,07653,12193	3,64111
11928	4,07656,76304	3,64082
11929	4,07660,40386	3,64051
11930	4,07664,04437	3,64020
11931	4,07667,68457	3,63990
11932	4,07671,32447	3,63959
11933	4,07674,96406	3,63929
11934	4,07678,60335	3,63898
11935	4,07682,24233	3,63868
11936	4,07685,88101	3,63838
11937	4,07689,51939	3,63807
11938	4,07693,15746	3,63776
11939	4,07696,79522	3,63746
11940	4,07700,43268	3,63715
11941	4,07704,06983	3,63685
11942	4,07707,70668	3,63655
11943	4,07711,34323	3,63624
11944	4,07714,97947	3,63594
11945	4,07718,61541	3,63563
11946	4,07722,25104	3,63533
11947	4,07725,88637	3,63502
11948	4,07729,52139	3,63472
11949	4,07733,15611	3,63442
11950	4,07736,79053	3,63411

Num.	Logarithmi	Differ.
11951	4,07740,42464	3,63381
11952	4,07744,05845	3,63350
11953	4,07747,69195	3,63320
11954	4,57751,32515	3,63290
11955	4,07754,95305	3,63259
11956	4,07758,59064	3,63228
11957	4,07762,22292	3,63199
11958	4,07765,85491	3,63168
11959	4,07769,48659	3,63138
11960	4,07773,11797	3,63107
11961	4,07776,74904	3,63077
11962	4,07780,37981	3,63046
11963	4,07784,01027	3,63017
11964	4,07787,64044	3,62985
11965	4,07791,27029	3,62956
11966	4,07794,89985	3,62925
11967	4,07798,52910	3,62895
11968	4,07802,15805	3,62865
11969	4,07805,78670	3,62834
11970	4,07809,41504	3,62804
11971	4,07813,04308	3,62774
11972	4,07816,67082	3,62743
11973	4,07820,29825	3,62713
11974	4,07823,92538	3,62683
11975	4,07827,55221	3,62652
11976	4,07831,17873	3,62623
11977	4,07834,80496	3,62591
11978	4,07838,43087	3,62562
11979	4,07842,05649	3,62532
11980	4,07845,68181	3,62501
11981	4,07849,30682	3,62471
11982	4,07852,93153	3,62440
11983	4,07856,55593	3,62411
11984	4,07860,18004	3,62380
11985	4,07863,80384	3,62350
11986	4,07867,42734	3,62319
11987	4,07871,05053	3,62290
11988	4,07874,67343	3,62259
11989	4,07878,29602	3,62229
11990	4,07881,91831	3,62199
11991	4,07885,54030	3,62168
11992	4,07889,16198	3,62139
11993	4,07892,78337	3,62108
11994	4,07896,40445	3,62078
11995	4,07900,02523	3,62048
11996	4,07903,64571	3,62018
11997	4,07907,26589	3,61987
11998	4,07910,88576	3,61957
11999	4,07914,50533	3,61927
12000	4,07918,12460	3,61897

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12001	4,07921,74357	3,61867	12051	4,08102,30865	3,60365	12101	4,08282,12609	3,58877
12002	4,07925,36224	3,61837	12052	4,08105,91230	3,60336	12102	4,08285,71486	3,58847
12003	4,07928,98061	3,61807	12053	4,08109,51566	3,60305	12103	4,08289,30333	3,58817
12004	4,07932,59868	3,61776	12054	4,08113,11871	3,60276	12104	4,08292,89150	3,58788
12005	4,07936,21644	3,61746	12055	4,08116,72147	3,60246	12105	4,08296,47938	3,58758
12006	4,07939,83390	3,61716	12056	4,08120,32393	3,60216	12106	4,08300,06696	3,58728
12007	4,07943,45106	3,61686	12057	4,08123,92609	3,60186	12107	4,08303,65424	3,58699
12008	4,07947,06792	3,61656	12058	4,08127,52795	3,60157	12108	4,08307,24123	3,58669
12009	4,07950,68448	3,61626	12059	4,08131,12952	3,60126	12109	4,08310,82792	3,58639
12010	4,07954,30074	3,61596	12060	4,08134,73078	3,60097	12110	4,08314,41431	3,58610
12011	4,07957,91670	3,61565	12061	4,08138,33175	3,60066	12111	4,08318,00041	3,58581
12012	4,07961,53235	3,61536	12062	4,08141,93241	3,60037	12112	4,08321,58622	3,58550
12013	4,07965,14771	3,61505	12063	4,08145,53278	3,60007	12113	4,08325,17172	3,58521
12014	4,07968,76276	3,61475	12064	4,08149,13285	3,59977	12114	4,08328,75693	3,58492
12015	4,07972,37751	3,61446	12065	4,08152,73262	3,59948	12115	4,08332,34185	3,58462
12016	4,07975,99197	3,61415	12066	4,08156,33210	3,59917	12116	4,08335,92647	3,58432
12017	4,07979,60612	3,61385	12067	4,08159,93127	3,59888	12117	4,08339,51079	3,58403
12018	4,07983,21997	3,61355	12068	4,08163,53015	3,59858	12118	4,08343,09482	3,58373
12019	4,07986,83352	3,61325	12069	4,08167,12873	3,59828	12119	4,08346,67855	3,58343
12020	4,07990,44677	3,61295	12070	4,08170,72701	3,59798	12120	4,08350,26198	3,58314
12021	4,07994,05972	3,61264	12071	4,08174,32499	3,59769	12121	4,08353,84512	3,58285
12022	4,07997,67236	3,61235	12072	4,08177,92268	3,59738	12122	4,08357,42797	3,58255
12023	4,08001,28471	3,61205	12073	4,08181,52006	3,59709	12123	4,08361,01052	3,58225
12024	4,08004,89676	3,61174	12074	4,08185,11715	3,59679	12124	4,08364,59277	3,58196
12025	4,08008,50850	3,61145	12075	4,08188,71394	3,59650	12125	4,08368,17473	3,58166
12026	4,08012,11995	3,61115	12076	4,08192,31044	3,59619	12126	4,08371,75639	3,58137
12027	4,08015,73110	3,61084	12077	4,08195,90663	3,59590	12127	4,08375,33776	3,58107
12028	4,08019,34194	3,61055	12078	4,08199,50253	3,59560	12128	4,08378,91883	3,58078
12029	4,08022,95249	3,61024	12079	4,08203,09813	3,59530	12129	4,08382,49961	3,58048
12030	4,08026,56273	3,60995	12080	4,08206,69343	3,59500	12130	4,08386,08009	3,58018
12031	4,08030,17268	3,60964	12081	4,08210,28843	3,59471	12131	4,08389,66027	3,57989
12032	4,08033,78232	3,60935	12082	4,08213,88314	3,59441	12132	4,08393,24016	3,57960
12033	4,08037,39167	3,60905	12083	4,08217,47755	3,59411	12133	4,08396,81976	3,57930
12034	4,08041,00072	3,60874	12084	4,08221,07166	3,59381	12134	4,08400,39906	3,57901
12035	4,08044,60946	3,60845	12085	4,08224,66547	3,59352	12135	4,08403,97807	3,57871
12036	4,08048,21791	3,60814	12086	4,08228,25899	3,59322	12136	4,08407,55678	3,57841
12037	4,08051,82605	3,60785	12087	4,08231,85221	3,59292	12137	4,08411,13519	3,57813
12038	4,08055,43390	3,60755	12088	4,08235,44513	3,59263	12138	4,08414,71332	3,57782
12039	4,08059,04145	3,60724	12089	4,08239,03776	3,59233	12139	4,08418,29114	3,57753
12040	4,08062,64869	3,60695	12090	4,08242,63009	3,59203	12140	4,08421,86867	3,57724
12041	4,08066,25564	3,60665	12091	4,08246,22212	3,59173	12141	4,08425,44591	3,57694
12042	4,08069,86229	3,60635	12092	4,08249,81385	3,59144	12142	4,08429,02285	3,57665
12043	4,08073,46864	3,60604	12093	4,08253,40529	3,59114	12143	4,08432,59950	3,57636
12044	4,08077,07468	3,60575	12094	4,08256,99643	3,59084	12144	4,08436,17586	3,57605
12045	4,08080,68043	3,60545	12095	4,08260,58727	3,59055	12145	4,08439,75191	3,57577
12046	4,08084,28588	3,60515	12096	4,08264,17782	3,59024	12146	4,08443,32768	3,57547
12047	4,08087,89103	3,60486	12097	4,08267,76806	3,58996	12147	4,08446,90315	3,57517
12048	4,08091,49589	3,60455	12098	4,08271,35802	3,58965	12148	4,08450,47832	3,57489
12049	4,08095,10044	3,60425	12099	4,08274,94767	3,58936	12149	4,08454,05321	3,57458
12050	4,08098,70469	3,60396	12100	4,08278,53703	3,58906	12150	4,08457,62779	3,57430

Num.	Logarithmi	Differ.
12151	4,08461,20209	3,57400
12152	4,08464,77609	3,57370
12153	4,08468,34979	3,57341
12154	4,08471,92320	3,57312
12155	4,08475,49632	3,57282
12156	4,08479,06914	3,57253
12157	4,08482,64167	3,57223
12158	4,08486,21390	3,57195
12159	4,08489,78585	3,57164
12160	4,08493,35749	3,57136
12161	4,08496,92885	3,57106
12162	4,08500,49991	3,57076
12163	4,08504,07067	3,57048
12164	4,08507,64115	3,57018
12165	4,08511,21133	3,56988
12166	4,08514,78121	3,56960
12167	4,08518,35081	3,56929
12168	4,08521,92010	3,56901
12169	4,08525,48911	3,56871
12170	4,08529,05782	3,56842
12171	4,08532,62624	3,56813
12172	4,08536,19437	3,56783
12173	4,08539,76220	3,56754
12174	4,08543,32974	3,56725
12175	4,08546,89699	3,56695
12176	4,08550,46394	3,56666
12177	4,08554,03060	3,56637
12178	4,08557,59697	3,56608
12179	4,08561,16305	3,56578
12180	4,08564,72883	3,56549
12181	4,08568,29432	3,56520
12182	4,08571,85952	3,56490
12183	4,08575,42442	3,56461
12184	4,08578,98903	3,56432
12185	4,08582,55335	3,56403
12186	4,08586,11738	3,56373
12187	4,08589,68111	3,56345
12188	4,08593,24456	3,56314
12189	4,08596,80770	3,56286
12190	4,08600,37056	3,56257
12191	4,08603,93313	3,56227
12192	4,08607,49540	3,56198
12193	4,08611,05738	3,56169
12194	4,08614,61907	3,56139
12195	4,08618,18046	3,56111
12196	4,08621,74157	3,56081
12197	4,08625,30238	3,56052
12198	4,08628,86290	3,56023
12199	4,08632,42313	3,55994
12200	4,08635,98307	3,55964

Num.	Logarithmi	Differ.
12201	4,08639,54271	3,55936
12202	4,08643,10207	3,55906
12203	4,08646,66113	3,55877
12204	4,08650,21990	3,55848
12205	4,08653,77838	3,55818
12206	4,08657,33656	3,55790
12207	4,08660,89446	3,55760
12208	4,08664,45206	3,55731
12209	4,08668,00937	3,55702
12210	4,08671,56639	3,55673
12211	4,08675,12312	3,55644
12212	4,08678,67956	3,55615
12213	4,08682,23571	3,55586
12214	4,08685,79157	3,55556
12215	4,08689,34713	3,55527
12216	4,08692,90240	3,55499
12217	4,08696,45739	3,55469
12218	4,09700,01208	3,55440
12219	4,08703,56648	3,55411
12220	4,08707,12059	3,54382
12221	4,08710,67441	3,55353
12222	4,08714,22794	3,55324
12223	4,08717,78118	3,55294
12224	4,08721,33412	3,55266
12225	4,08724,88678	3,55237
12226	4,08728,43915	3,55207
12227	4,08731,99122	3,55179
12228	4,08735,54301	3,55149
12229	4,08739,09450	3,55120
12230	4,08742,64570	3,55092
12231	4,08746,19662	3,55062
12232	4,08749,74724	3,55033
12233	4,08753,29757	3,55005
12234	4,08756,84762	3,54975
12235	4,08760,39737	3,54946
12236	4,08763,94683	3,54917
12237	4,08767,49600	3,54889
12238	4,08771,04489	3,54859
12239	4,08774,59348	3,54830
12240	4,08778,14178	3,54801
12241	4,08781,68979	3,54773
12242	4,08785,23752	3,54743
12243	4,08788,78495	3,54714
12244	4,08792,33209	3,54686
12245	4,08795,87895	3,54656
12246	4,08799,42551	3,54627
12247	4,08802,97178	3,54599
12248	4,08806,51777	3,54569
12249	4,08810,06346	3,54541
12250	4,08813,60887	3,54512

Num.	Logarithmi	Differ.
12251	4,08817,15399	3,54482
12252	4,08820,69881	3,54454
12253	4,08824,24335	3,54425
12254	4,08827,78760	3,54396
12255	4,08831,33156	3,54367
12256	4,08834,87523	3,54338
12257	4,08838,41861	3,54309
12258	4,08841,96170	3,54280
12259	4,08845,50450	3,54252
12260	4,08849,04702	3,54222
12261	4,08852,58924	3,54194
12262	4,08856,13118	3,54165
12263	4,08859,67283	3,54135
12264	4,08863,21418	3,54107
12265	4,08866,75525	3,54079
12266	4,08870,29604	3,54049
12267	4,08873,83653	3,54020
12268	4,08877,37673	3,53992
12269	4,08880,91665	3,53962
12270	4,08884,45627	3,53934
12271	4,08887,99561	3,53905
12272	4,08891,53466	3,53876
12273	4,08895,07342	3,53847
12274	4,08898,61189	3,53819
12275	4,08902,15008	3,53790
12276	4,08905,68798	3,53760
12277	4,08909,22558	3,53732
12278	4,08912,76290	3,53704
12279	4,08916,29994	3,53674
12280	4,08919,83668	3,53646
12281	4,08923,37314	3,53616
12282	4,08926,90930	3,53588
12283	4,08930,44518	3,53560
12284	4,08933,98078	3,53530
12285	4,08937,51608	3,53502
12286	4,08941,05110	3,53473
12287	4,08944,58583	3,53444
12288	4,08948,12027	3,53415
12289	4,08951,65442	3,53387
12290	4,08955,18829	3,53358
12291	4,08958,72187	3,53329
12292	4,08962,25516	3,53300
12293	4,08965,78816	3,53272
12294	4,08969,32088	3,53243
12295	4,08972,85331	3,53214
12296	4,08976,38545	3,53185
12297	4,08979,91730	3,53157
12298	4,08983,44887	3,53128
12299	4,08986,98015	3,53099
12300	4,08990,51114	3,53071

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12302	4,08994,04185	3,53042	12351	4,09170,21217	3,51613	12401	4,09345,67075	3,50195
12302	4,08997,57227	3,53013	12352	4,09173,72830	3,51584	12402	4,09349,17270	3,50167
12303	4,09001,10240	3,52985	12353	4,09177,24414	3,51556	12403	4,09352,67437	3,50139
12304	4,09004.63225	3,52955	12354	4,09180,75970	3,51527	12404	4,09356,17576	3,50110
12305	4,09008,16180	3,52928	12355	4,09184,27497	3,51499	12405	4,09359,67686	3,50082
12306	4,09011,69108	3,52898	12356	4,09187,78996	3,51471	12406	4,09363,17768	3,50054
12307	4,09015,22006	3,52870	12357	4,09191,30467	3,51442	12407	4,09366,67822	3,50026
12308	4,09018,74876	3,52841	12358	4,09194,81909	3,51413	12408	4,09370,17848	3,49998
12309	4,09022,27717	3,52812	12359	4,09198,33322	3,51386	12409	4,09373,67846	3,49969
12310	4,09025,80529	3,52784	12360	4,09201,84708	3,51356	12410	4,09377,17815	3,49941
12311	4,09029,33313	3,52755	12361	4,09205,36064	3,51329	12411	4,09380,67756	3,49913
12312	4,09032,86068	3,52727	12362	4,09208,87393	3,51299	12412	4,09384,17669	3,49885
12313	4,09036,38795	3,52698	12363	4,09212,38692	3,51272	12413	4,09387,67554	3,49856
12314	4,09039,91493	3,52669	12364	4,09215,89964	3,51243	12414	4,09391,17410	3,49829
12315	4,09043,44162	3,52640	12365	4,09219,41207	3,51215	12415	4,09394,67239	3,49800
12316	4,09046,96802	3,52612	12366	4,09222,92422	3,51186	12416	4,09398,17039	3,49772
12317	4,09050,49414	3,52584	12367	4,09226,43608	3,51158	12417	4,09401,66811	3,49744
12318	4,09054,01998	3,52554	12368	4,09229,94766	3,51129	12418	4,09405,16555	3,49716
12319	4,09057,54552	3,52526	12369	4,09233,45895	3,51101	12419	4,09408,66271	3,49687
12320	4,09061,07078	3,52498	12370	4,09236,96996	3,51073	12420	4,09412,15958	3,49660
12321	4,09064,59576	3,52469	12371	4,09240,48069	3,51044	12421	4,09415,65618	3,49631
12322	4,09068,12045	3,52440	12372	4,09243,99113	3,51016	12422	4,09419,15249	3,49603
12323	4,09071,64485	3,52411	12373	4,09247,50129	3,50988	12423	4,09422,64852	3,49575
12324	4,09075,16896	3,52383	12374	4,09251,01117	3,50959	12424	4,09426,14427	3,49547
12325	4,09078,69279	3,52355	12375	4,09254,52076	3,50931	12425	4,09429,63974	3,49519
12326	4,09082,21634	3,52326	12376	4,09258,03007	3,50902	12426	4,09433,13493	3,49490
12327	4,09085,73960	3,52297	12377	4,09261,53909	3,50875	12427	4,09436,62983	3,49463
12328	4,09089,29257	3,52269	12378	4,09265,04784	3,50845	12428	4,09440,12446	3,49434
12329	4,09092,78526	3,52240	12379	4,09268,55629	3,50818	12429	4,09443,61880	3,49406
12330	4,09096,30766	3,52212	12380	4,09272,06447	3,50789	12430	4,09447,11286	3,49379
12331	4,09099,82978	3,52183	12381	4,09275,57236	3,50761	12431	4,09450,60665	3,49350
12332	4,09103,35161	3,52154	12382	4,09279,07997	3,50732	12432	4,09454,10015	3,49321
12333	4,09106,87315	3,52126	12383	4,09282,58729	3,50704	12433	4,09457,59336	3,49294
12334	4,09110,39441	3,52097	12384	4,09286,09433	3,50676	12434	4,09461,08630	3,49266
12335	4,09113,91538	3,52069	12385	4,09289,60109	3,50648	12435	4,09464,57896	3,49238
12336	4,09117,43607	3,52040	12386	4,09293,10757	3,50619	12436	4,09468,07134	3,49209
12337	4,09120,95647	3,52012	12387	4,09296,61376	3,50591	12437	4,09471,56343	3,49182
12338	4,09124,47659	3,51983	12388	4,09300,11967	3,50562	12438	4,09475,05525	3,49153
12339	4,09127,99642	3,51955	12389	4,09303,62529	3,50535	12439	4,09478,54678	3,49126
12340	4,09131,51597	3,51926	12390	4,09307,13064	3,50506	12440	4,09482,03804	3,49097
12341	4,09135,03523	3,51898	12391	4,09310,63570	3,50478	12441	4,09485,52901	3,49069
12342	4,09138,55421	3,51869	12392	4,09314,14048	3,50449	12442	4,09489,01970	3,49041
12343	4,09142,07290	3,51841	12393	4,09317,64497	3,50421	12443	4,09492,51011	3,49013
12344	4,09145,59131	3,51812	12394	4,09321,14918	3,50393	12444	4,09496,00024	3,48985
13345	4,09149,10943	3,51783	12395	4,09324,65311	3,50365	12445	4,09499,49009	3,48957
12346	4,09152,62726	3,51755	12396	4,09328,15676	3,50336	12446	4,09502,97966	3,48929
12347	4,09156,14481	3,51727	12397	4,09331,66012	3,50308	12447	4,09506,46895	3,48901
12348	4,09159,66208	3,51698	12398	4,09335,66320	3,50280	12448	4,09509,95796	3,48873
12349	4,09163,17906	3,51670	12399	4,09338,66600	3,50252	12449	4,09513,44669	3,48845
12350	4,09166,69576	3,51641	12400	4,09342,16852	3,50223	12450	4,09516,93514	3,48817

Num.	Logarithmi	Differ.
12451	4,09520,42331	3,48789
12452	4,09523,91120	3,48761
12453	4,09527,39881	3,48733
12454	4,09530,88614	3,48705
12455	4,09534,37319	3,48677
12456	4,09537,85996	3,48648
12457	4,09541,34644	3,48621
12458	4,09544,83265	3,48593
12459	4,09548,31858	3,48565
12460	4,09551,80423	3,48537
12461	4,09555,28960	3,48509
12462	4,09558,77469	3,48481
12463	4,09562,25950	3,48453
12464	4,09565,74403	3,48425
12465	4,09569,22828	3,48398
12466	4,09572,71226	3,48369
12467	4,09576,19595	3,48341
12468	4,09579,67936	3,48313
12469	4,09583,16249	3,48286
12470	4,09586,64535	3,48257
12471	4,09590,12792	3,48230
12472	4,09593,61022	3,48201
12473	4,09597,09223	3,48174
12474	4,09600,57397	3,48146
12475	4,09604,05543	3,48118
12476	4,09607,53661	3,48090
12477	4,09611,01751	3,48062
12478	4,09614,49813	3,48034
12479	4,09617,97847	3,48006
12480	4,09621,45853	3,47979
12481	4,09624,93832	3,47950
12482	4,09628,41782	3,47923
12483	4,09631,89705	3,47895
12484	4,09635,37600	3,47867
12485	4,09638,85467	3,47839
12486	4,09642,33306	3,47811
12487	4,09645,81117	3,47784
12488	4,09649,28901	3,47755
12489	4,09652,76656	3,47728
12490	4,09656,24384	3,47700
12491	4,09659,72084	3,47672
12492	4,09663,19756	3,47644
12493	4,09666,67400	3,47616
12494	4,09670,15016	3,47589
12495	4,09673,62605	3,47560
12496	4,09677,10165	3,47533
12497	4,09680,57698	3,47505
12498	4,09684,05203	3,47478
12499	4,09687,52681	3,47449
12500	4,09691,00130	3,47422

Num.	Logarithmi	Differ.
12501	4,09694,47552	3,47394
12502	4,09697,94946	3,47366
12503	4,09701,42312	3,47338
12504	4,09704,89650	3,47311
12505	4,09708,36961	3,47282
12506	4,09711,84243	3,47255
12507	4,09715,31498	3,47228
12508	4,09718,78726	3,47199
12509	4,09722,25925	3,47172
12510	4,09725,73097	3,47144
12511	4,09729,20241	3,47116
12512	4,09732,67357	3,47089
12513	4,09736,14446	3,47060
12514	4,09739,61506	3,47033
12515	4,09743,08539	3,47006
12516	4,09746,55545	3,46977
12517	4,09750,02522	3,46950
12518	4,09753,49472	3,46922
12519	4,09756,96394	3,46895
12520	4,09760,43289	3,46866
12521	4,09763,90155	3,46839
12522	4,09767,36994	3,46812
12523	4,09770,83806	3,46783
12524	4,09774,30589	3,46756
12525	4,09777,77345	3,46729
12526	4,09781,24074	3,46700
12527	4,09784,70774	3,46673
12528	4,09788,17447	3,46645
12529	4,09791,64092	3,46618
12530	4,09795,10710	3,46590
12531	4,09798,57300	3,46562
12532	4,09802,03862	3,46535
12533	4,09805,50397	3,46507
12534	4,09808,96904	3,46479
12535	4,09812,43383	3,46452
12536	4,09815,89835	3,46424
12537	4,09819,36259	3,46396
12538	4,09822,82655	3,46369
12539	4,09826,29024	3,46341
12540	4,09829,75365	3,46313
12541	4,09833,21678	3,46286
12542	4,09836,67964	3,46259
12543	4,09840,14223	3,46230
12544	4,09843,60453	3,46204
12545	4,09847,06657	3,46175
12546	4,09850,52832	3,46148
12547	4,09853,98980	3,46120
12548	4,09857,45100	3,46093
12549	4,09860,91193	3,46065
12550	4,09864,37258	3,46038

Num.	Logarithmi	Differ.
12551	4,09867,83296	3,46010
12552	4,09871,29306	3,45982
12553	4,09874,75288	3,45955
12554	4,09878,21243	3,45927
12555	4,09881,67170	3,45900
12556	4,09885,13070	3,45873
12557	4,09888,58943	3,45844
12558	4,09892,04787	3,45817
12559	4,09895,50604	3,45790
12560	4,09898,96394	3,45762
12561	4,09902,42156	3,45735
12562	4,09905,87891	3,45707
12563	4,09909,33598	3,45679
12564	4,09912,79277	3,45652
12565	4,09916,24929	3,45625
12566	4,09919,70554	3,45597
12567	4,09923,16151	3,45569
12568	4,09926,61720	3,45542
12569	4,09930,07262	3,45515
12570	4,09933,52777	3,45487
12571	4,09936,98264	3,45459
12572	4,09940,43723	3,45433
12573	4,09943,89156	3,45404
12574	4,09947,34560	3,45377
12575	4,09950,79937	3,45350
12576	4,09954,25287	3,45322
12577	4,09957,70609	3,45295
12578	4,09961,15904	3,45267
12579	4,09964,61171	3,45240
12580	4,09968,06411	3,45213
12581	4,09971,51624	3,45184
12582	4,09974,96808	3,45148
12583	4,09978,41966	3,45130
12584	4,09981,87096	3,45103
12585	4,09985,32199	3,45075
12586	4,09988,77274	3,45048
12587	4,09992,22322	3,45020
12588	4,09995,67342	3,44993
12589	4,09999,12335	3,44966
12590	4,10002,57301	3,44938
12591	4,10006,02239	3,44911
12592	4,10009,47150	3,44884
12593	4,10012,92034	3,44856
12594	4,10016,36890	3,44828
12595	4,10019,81718	3,44802
12596	4,10023,26520	3,44774
12597	4,10026,71294	3,44746
12598	4,10030,16040	3,44719
12599	4,10033,60759	3,44692
12600	4,10037,05451	3,44665

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12601	4,10040,50116	3,44637	12651	4,10212,48557	3,43275	12701	4,10383,79160	3,41924
12602	4,10043,94753	3,44610	12652	4,10215,91832	3,43248	12702	4,10387,21084	3,41897
12603	4,10047,39363	3,44582	12653	4,10219,35080	3,43221	12703	4,10390,62981	3,41870
12604	4,10050,83945	3,44555	12654	4,10222,78301	3,43194	12704	4,10394,04851	3,41843
12605	4,10054,28500	3,44528	12655	4,10226,21495	3,43167	12705	4,10397,46694	3,41816
12606	4,10057,73028	3,44500	12656	4,10229,64662	3,43139	12706	4,10400,88510	3,41789
12607	4,10061,17528	3,44473	12657	4,10233,07801	3,43112	12707	4,10404,30299	3,41763
12608	4,10064,62001	3,44446	12658	4,10236,50913	3,43086	12708	4,10407,72062	3,41735
12609	4,10068,06447	3,44419	12659	4,10239,93999	3,43058	12709	4,10411,13797	3,41709
12610	4,10071,50866	3,44391	12660	4,10243,37057	3,43031	12710	4,10414,55506	3,41681
12611	4,10074,95257	3,44364	12661	4,10246,80088	3,43004	12711	4,10417,97187	3,41655
12612	4,10078,39621	3,44336	12662	4,10250,23092	3,42977	12712	4,10421,38842	3,41628
12613	4,10081,83957	3,44310	12663	4,10253,66069	3,42950	12713	4,10424,80470	3,41601
12614	4,10085,28267	3,44282	12664	4,10257,09019	3,42922	12714	4,10428,22071	3,41574
12615	4,10088,72549	3,44254	12665	4,10260,51941	3,42896	12715	4,10431,63645	3,41547
12616	4,10092,16803	3,44228	12666	4,10263,94837	3,42868	12716	4,10435,05192	3,41521
12617	4,10095,61031	3,44200	12667	4,10267,37705	3,42842	12717	4,10438,46713	3,41493
12618	4,10099,05231	3,44173	12668	4,10270,80547	3,42814	12718	4,10441,88206	3,41467
12619	4,10102,49404	3,44145	12669	4,10274,23361	3,42788	12719	4,10445,29673	3,41440
12620	4,10105,93549	3,44118	12670	4,10277,66149	3,42760	12720	4,10448,71113	3,41413
12621	4,10109,37667	3,44091	12671	4,10281,08909	3,42733	12721	4,10452,12526	3,41386
12622	4,10112,81758	3,44064	12672	4,10284,51642	3,42707	12722	4,10455,53912	3,41360
12623	4,10116,25822	3,44037	12673	4,10287,94349	3,42679	12723	4,10458,95272	3,41332
12624	4,10119,69859	3,44009	12674	4,10291,37028	3,42652	12724	4,10462,36604	3,41306
12625	4,10123,13868	3,43982	12675	4,10294,79680	3,42625	12725	4,10465,77910	3,41279
12626	4,10126,57850	3,43955	12676	4,10298,22305	3,42598	12726	4,10469,19189	3,41252
12627	4,10130,01805	3,43927	12677	4,10301,64903	3,42571	12727	4,10472,60441	3,41225
12628	4,10133,45732	3,43900	12678	4,10305,07474	3,42544	12728	4,10476,01666	3,41199
12629	4,10136,89632	3,43874	12679	4,10308,50018	3,42517	12729	4,10479,42865	3,41172
12630	4,10140,33506	3,43845	12680	4,10311,92535	3,42490	12730	4,10482,84037	3,41144
12631	4,10143,77351	3,43819	12681	4,10315,35025	3,42464	12731	4,10486,25181	3,41118
12632	4,10147,21170	3,43791	12682	4,10318,77489	3,42436	12732	4,10489,66299	3,41092
12633	4,10150,64961	3,43765	12683	4,10322,19925	3,42409	12733	4,10493,07391	3,41064
12634	4,10154,08726	3,43737	12684	4,10325,62334	3,42382	12734	4,10496,48455	3,41038
12635	4,10157,52463	3,43709	12685	4,10329,04716	3,42355	12735	4,10499,89493	3,41011
12636	4,10160,96172	3,43683	12686	4,10332,47071	3,42328	12736	4,10503,30504	3,40984
12637	4,10164,39855	3,43655	12687	4,10335,89399	3,42301	12737	4,10506,71488	3,40957
12638	4,10167,83510	3,43628	12688	4,10339,31700	3,42274	12738	4,10510,12445	3,40931
12639	4,10171,27138	3,43601	12689	4,10342,73974	3,42247	12739	4,10513,53376	3,40904
12640	4,10174,70739	3,43574	12690	4,10346,16221	3,42220	12740	4,10516,94280	3,40877
12641	4,10178,14313	3,43547	12691	4,10349,58441	3,42193	12741	4,10520,35157	3,40850
12642	4,10181,57860	3,43519	12692	4,10353,00634	3,42167	12742	4,10523,76007	3,40824
12643	4,10185,01379	3,43493	12693	4,10356,42801	3,42139	12743	4,10527,16831	3,40797
12644	4,10188,44872	3,43465	12694	4,10359,84940	3,42112	12744	4,10530,57628	3,40770
12645	4,10191,88337	3,43438	12695	4,10363,27052	3,42085	12745	4,10533,98398	3,40743
12646	4,10195,31775	3,43411	12696	4,10366,69137	3,42059	12746	4,10537,39141	3,40717
12647	4,10198,75186	3,43383	12697	4,10370,11196	3,42031	12747	4,10540,79858	3,40690
12648	4,10202,18569	3,43357	12698	4,10373,53227	3,42005	12748	4,10544,20548	3,40663
12649	4,10205,61926	3,43329	12699	4,10376,95232	3,41978	12749	4,10547,61211	3,40637
12650	4,10209,05255	3,43302	12700	4,10380,37210	3,41950	12750	4,10551,01848	3,40609

Num.	Logarithmi	Differ.
12751	4,10554,42457	3,40584
12752	4,10557,83041	3,40556
12753	4,10561,23597	3,40530
12754	4,10564,64127	3,40502
12755	4,10568,04629	3,40477
12756	4,10571,45106	3,40449
12757	4,10574,85555	3,40423
12758	4,10578,25978	3,40396
12759	4,10581,66374	3,40370
12760	4,10585,06744	3,40343
12761	4,10588,47087	3,40316
12762	4,10591,87403	3,40289
12763	4,10595,27692	3,40263
12764	4,10598,67955	3,40236
12765	4,10602,08191	3,40210
12766	4,10605,48401	3,40183
12767	4,10608,88584	3,40156
12768	4,10612,28740	3,40130
12769	4,10615,68870	3,40103
12770	4,10619,08973	3,40076
12771	4,10622,49049	3,40050
12772	4,10625,89099	3,40023
12773	4,10629,29122	3,39996
12774	4,10632,69118	3,39970
12775	4,10636,09088	3,39943
12776	4,10639,49031	3,39917
12777	4,10642,88948	3,39890
12778	4,10646,28838	3,39863
12779	4,10649,68701	3,39837
12780	4,10653,08538	3,39810
12781	4,10656,48348	3,39784
12782	4,10659,88132	3,39757
12783	4,10663,27889	3,39731
12784	4,10666,67620	3,39704
12785	4,10670,07324	3,39677
12786	4,10673,47001	3,39651
12787	4,10676,86652	3,39624
12788	4,10680,26276	3,39598
12789	4,10683,65874	3,39571
12790	4,10687,05445	3,39544
12791	4,10690,44989	3,39518
12792	4,10693,84507	3,39492
12793	4,10697,23999	3,39465
12794	4,10700,63464	3,39438
12795	4,10704,02902	3,39412
12796	4,10707,42314	3,39385
12797	4,10710,81699	3,39359
12798	4,10714,21058	3,39333
12799	4,10717,60391	3,39305
12800	4,10720,99696	3,39280

Chilias 13.

Num.	Logarithmi	Differ.
12801	4,10724,38976	3,39253
12802	4,10727,78229	3,39226
12803	4,10731,17455	3,39200
12804	4,10734,56655	3,39173
12805	4,10737,95828	3,39147
12806	4,10741,34975	3,39120
12807	4,10744,74095	3,39094
12808	4,10748,13189	3,39068
12809	4,10751,52257	3,39040
12810	4,10754,91297	3,39015
12811	4,10758,30312	3,38988
12812	4,10761,69300	3,38961
12813	4,10765,08261	3,38936
12814	4,10768,47197	3,38908
12815	4,10771,86105	3,38882
12816	4,10775,24987	3,38856
12817	4,10778,63843	3,38829
12818	4,10782,02672	3,38803
12819	4,10785,41475	3,38777
12820	4,10788,80252	3,38750
12821	4,10792,19002	3,38723
12822	4,10795,57725	3,38698
12823	4,10798,96423	3,38670
12824	4,10802,35093	3,38645
12825	4,10805,73738	3,38618
12826	4,10809,12356	3,38591
12827	4,10812,50947	3,38566
12828	4,10815,89513	3,38538
12829	4,10819,28051	3,38513
12830	4,10822,66564	3,38486
12831	4,10826,05050	3,38459
12832	4,10829,43509	3,38434
12833	4,10832,81943	3,38407
12834	4,10836,20350	3,38380
12835	4,10839,58730	3,38354
12836	4,10842,97084	3,38328
12837	4,10846,35412	3,38301
12838	4,10849,73713	3,38276
12839	4,10853,11989	3,38248
12840	4,10856,50237	3,38223
12841	4,10859,88460	3,38196
12842	4,10863,26656	3,38170
12843	4,10866,64826	3,38143
12844	4,10870,02969	3,38117
12845	4,10873,41086	3,38091
12846	4,10876,79177	3,38064
12847	4,10880,17241	3,38038
12848	4,10883,55279	3,38012
12849	4,10886,93291	3,37986
12850	4,10890,31277	3,37959

Chilias 13.

Num.	Logarithmi	Differ.
12851	4,10893,69236	3,37933
12852	4,10897,07169	3,37906
12853	4,10900,45075	3,37881
12854	4,10903,82956	3,37854
12855	4,10907,20810	3,37828
12856	4,10910,58638	3,37801
12857	4,10913,96439	3,37775
12858	4,10917,34214	3,37749
12859	4,10920,71963	3,37723
12860	4,10924,09686	3,37696
12861	4,10927,47382	3,37670
12862	4,10930,85052	3,37644
12863	4,10934,22696	3,37618
12864	4,10937,60314	3,37591
12865	4,10940,97905	3,37566
12866	4,10944,35471	3,37539
12867	4,10947,73010	3,37512
12868	4,10951,10522	3,37487
12869	4,10954,48009	3,37460
12870	4,10957,85469	3,37434
12871	4,10961,22903	3,37408
12872	4,10964,60311	3,37382
12873	4,10967,97693	3,37355
12874	4,10971,35048	3,37329
12875	4,10974,72377	3,37303
12876	4,10978,09680	3,37277
12877	4,10981,46957	3,37251
12878	4,10984,84208	3,37224
12879	4,10988,21432	3,37198
12880	4,10991,58630	3,37172
12881	4,10994,95802	3,37146
12882	4,10998,32948	3,37120
12883	4,11001,70068	3,37093
12884	4,11005,07161	3,37068
12885	4,11008,44229	3,37041
12886	4,11011,81270	3,37015
12887	4,11015,18285	3,36989
12888	4,11018,55274	3,36963
12889	4,11021,92237	3,36937
12890	4,11025,29174	3,36910
12891	4,11028,66084	3,36884
12892	4,11032,02968	3,36859
12893	4,11035,39827	3,36832
12894	4,11038,76659	3,36806
12895	4,11042,13465	3,36780
12896	4,11045,50245	3,36753
12897	4,11048,86998	3,36728
12898	4,11052,23726	3,36702
12899	4,11055,60428	3,36675
12900	4,11058,97103	3,36649

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12901	4,11062,33752	3,36624	12951	4,11230,33034	3,35323	13001	4,11397,67583	3,34034
12902	4,11065,70376	3,36597	12952	4,11233,68357	3,35298	13002	4,11401,01617	3,34008
12903	4,11069,06973	3,36571	12953	4,11237,03655	3,35272	13003	4,11404,35625	3,33983
12904	4,11072,43544	3,36545	12954	4,11240,38927	3,35246	13004	4,11407,69608	3,33957
12905	4,11075,80089	3,36519	12955	4,11243,74173	3,35220	13005	4,11411,03565	3,33932
12906	4,11079,16608	3,36493	12956	4,11247,09393	3,35195	13006	4,11414,37497	3,33905
12907	4,11082,53101	3,36466	12957	4,11250,44588	3,35168	13007	4,11417,71402	3,33880
12908	4,11085,89567	3,36441	12958	4,11253,79756	3,35143	13008	4,11421,05282	3,33855
12909	4,11089,26008	3,36415	12959	4,11257,14899	3,35116	13009	4,11424,39137	3,33829
12910	4,11092,62423	3,36388	12960	4,11260,50015	3,35091	13010	4,11427,72966	3,33803
12911	4,11095,98811	3,36363	12961	4,11263,85106	3,35065	13011	4,11431,06769	3,33777
12912	4,11099,35174	3,36336	12962	4,11267,20171	3,35039	13012	4,11434,40546	3,33752
12913	4,11102,71510	3,36311	12963	4,11270,55210	3,35014	13013	4,11437,74298	3,33726
12914	4,11106,07821	3,36284	12964	4,11273,90224	3,34987	13014	4,11441,08024	3,33700
12915	4,11109,44105	3,36258	12965	4,11277,25211	3,34962	13015	4,11444,41724	3,33675
12916	4,11112,80363	3,36233	12966	4,11280,60173	3,34935	13016	4,11447,75399	3,33649
12917	4,11116,16596	3,36206	12967	4,11283,95108	3,34910	13017	4,11451,09048	3,33624
12918	4,11119,52802	3,36180	12968	4,11287,30018	3,34885	13018	4,11454,42672	3,33598
12919	4,11122,88982	3,36155	12969	4,11290,64903	3,34858	13019	4,11457,76270	3,33572
12920	4,11126,25137	3,36128	12970	4,11293,99761	3,34832	13020	4,11461,09842	3,33547
12921	4,11129,61265	3,36102	12971	4,11297,34593	3,34807	13021	4,11464,43389	3,33521
12922	4,11132,97367	3,36076	12972	4,11300,69400	3,34781	13022	4,11467,76910	3,33496
12923	4,11136,33443	3,36050	12973	4,11304,04181	3,34755	13023	4,11471,10406	3,33469
12924	4,11139,69493	3,36025	12974	4,11307,38936	3,34729	13024	4,11474,43875	3,33445
12925	4,11143,05518	3,35998	12975	4,11310,73665	3,34704	13025	4,11477,77320	3,33418
12926	4,11146,41516	3,35972	12976	4,11314,08369	3,34677	13026	4,11481,10738	3,33393
12927	4,11149,77488	3,35946	12977	4,11317,43046	3,34652	13027	4,11484,44131	3,33368
12928	4,11153,13434	3,35921	12978	4,11320,77698	3,34626	13028	4,11487,77499	3,33342
12929	4,11156,49355	3,35894	12979	4,11324,12324	3,34601	13029	4,11491,10841	3,33316
12930	4,11159,85249	3,35868	12980	4,11327,46925	3,34574	13030	4,11494,44157	3,33291
12931	4,11163,21117	3,35842	12981	4,11330,81499	3,34549	13031	4,11497,77448	3,33205
12932	4,11166,56959	3,35817	12982	4,11334,16048	3,34523	13032	4,11501,10713	3,33240
12933	4,11169,92776	3,35790	12983	4,11337,50571	3,34497	13033	4,11504,43953	3,33214
12934	4,11173,28566	3,35765	12984	4,11340,85068	3,34472	13034	4,11507,77167	3,33188
12935	4,11176,64331	3,35738	12985	4,11344,19540	3,34445	13035	4,11511,10355	3,33163
12936	4,11180,00069	3,35712	12986	4,11347,53985	3,34420	13036	4,11514,43518	3,33137
12937	4,11183,35781	3,35687	12987	4,11350,88405	3,34395	13037	4,11517,76655	3,33112
12938	4,11186,71468	3,35661	12988	4,11354,22800	3,34368	13038	4,11521,09767	3,33086
12939	4,11190,07129	3,35634	12989	4,11357,57168	3,34343	13039	4,11524,42853	3,33061
12940	4,11193,42763	3,35609	12990	4,11360,91511	3,34317	13040	4,11527,75914	3,33035
12941	4,11196,78372	3,35583	12991	4,11364,25828	3,34291	13041	4,11531,08949	3,33010
12942	4,11200,13955	3,35557	12992	4,11367,60119	3,34265	13042	4,11534,41959	3,32984
12943	4,11203,49512	3,35531	12993	4,11370,94384	3,34240	13043	4,11537,74943	3,32958
12944	4,11206,85043	3,35505	12994	4,11374,28624	3,34214	13044	4,11541,07901	3,32933
12945	4,11210,20548	3,35479	12995	4,11377,62838	3,34189	13045	4,11544,40834	3,32908
12946	4,11213,56027	3,35453	12996	4,11380,97027	3,34162	13046	4,11547,73742	3,32882
12947	4,11216,91480	3,35427	12997	4,11384,31189	3,34137	13047	4,11551,06624	3,32856
12948	4,11220,26907	3,35402	12998	4,11387,65326	3,34112	13048	4,11554,39480	3,32831
12949	4,11223,62309	3,35375	12999	4,11390,99438	3,34085	13049	4,11557,72311	3,32806
12950	4,11226,97684	3,35350	13000	4,11394,33523	3,34060	13050	4,11561,05117	3,32780

 Chilias 14. Chilias 14.

Num.	Logarithmi	Differ.
13051	4,11564,37897	3,32754
13052	4,11567,70651	3,32729
13053	4,11571,03380	3,32704
13054	4,11574,36084	3,32678
13055	4,11577,68762	3,32652
13056	4,11581,01414	3,32627
13057	4,11584,34041	3,32602
13058	4,11587,66643	3,32576
13059	4,11590,99219	3,32550
13060	4,11594,31769	3,32526
13061	4,11597,64295	3,32499
13062	4,11600,96794	3,32474
13063	4,11604,29268	3,32449
13064	4,11607,61717	3,32424
13065	4,11610,94141	3,32398
13066	4,11614,26539	3,32372
13067	4,11617,58911	3,32347
13068	4,11620,91258	3,32322
13069	4,11624,23580	3,32296
13070	4,11627,55876	3,32271
13071	4,11630,88147	3,32245
13072	4,11634,20392	3,32220
13073	4,11637,52612	3,32194
13074	4,11640,84806	3,32169
13075	4,11644,16975	3,32144
13076	4,11647,49119	3,32118
13077	4,11650,81237	3,32093
13078	4,11654,13330	3,32068
13079	4,11657,45398	3,32042
13080	4,11660,77440	3,32017
13081	4,11664,09457	3,31991
13082	4,11667,41448	3,31966
13083	4,11670,73414	3,31941
13084	4,11674,05355	3,31915
13085	4,11677,37270	3,31890
13086	4,11680,69160	3,31864
13087	4,11684,01024	3,31839
13088	4,11687,32863	3,31814
13089	4,11690,64677	3,31789
13090	4,11693,96466	3,31763
13091	4,11697,28229	3,31737
13092	4,11700,59966	3,31713
13093	4,11703,91679	3,31687
13094	4,11707,23366	3,31662
13095	4,11710,55028	3,31636
13096	4,11713,86664	3,31611
13097	4,11717,18275	3,31586
13098	4,11720,49861	3,31560
13099	4,11723,81421	3,31536
13100	4,11727,12957	3,31509

Num.	Logarithmi	Differ.
13101	4,11730,44466	3,31485
13102	4,11733,75951	3,31459
13103	4,11737,07410	3,31434
13104	4,11740,38844	3,31409
13105	4,11743,70253	3,31383
13106	4,11747,01636	3,31358
13107	4,11750,32994	3,31333
13108	4,11753,64327	3,31308
13109	4,11756,95635	3,31282
13110	4,11760,26917	3,31257
13111	4,11763,58174	3,31232
13112	4,11766,89406	3,31206
13113	4,11770,20612	3,31181
13114	4,11773,51793	3,31156
13115	4,11776,82949	3,31131
13116	4,11780,14080	3,31105
13117	4,11783,45185	3,31081
13118	4,11786,76266	3,31055
13119	4,11790,07321	3,31029
13120	4,11793,38350	3,31005
13121	4,11796,69355	3,30979
13122	4,11800,00334	3,30954
13123	4,11803,31288	3,30929
13124	4,11806,62217	3,30904
13125	4,11809,93121	3,30878
13126	4,11813,23999	3,30853
13127	4,11816,54852	3,30828
13128	4,11819,85680	3,30803
13129	4,11823,16483	3,30778
13130	4,11826,47261	3,30752
13131	4,11829,78013	3,30728
13132	4,11833,08741	3,30702
13133	4,11836,39443	3,30677
13134	4,11839,70120	3,30651
13135	4,11843,00771	3,30627
13136	4,11846,31398	3,30601
13137	4,11849,61999	3,30576
13138	4,11852,92575	3,30551
13139	4,11856,23126	3,30526
13140	4,11859,53652	3,30501
13141	4,11862,84153	3,30476
13142	4,11866,14629	3,30450
13143	4,11869,45079	3,30425
13144	4,11872,75504	3,30400
13145	4,11876,05904	3,30375
13146	4,11879,36279	3,30350
13147	4,11882,66629	3,30325
13148	4,11885,96954	3,30300
13149	4,11889,27254	3,30274
13150	4,11892,57528	3,30250

Num.	Logarithmi	Differ.
13151	4,11895,87778	3,30224
13152	4,11899,18002	3,30199
13153	4,11902,48201	3,30174
13154	4,11905,78375	3,30149
13155	4,11909,08524	3,30124
13156	4,11912,38648	3,30099
13157	4,11915,68747	3,30074
13158	4,11918,98821	3,30048
13159	4,11922,28869	3,30024
13160	4,11925,58893	3,29998
13161	4,11928,88891	3,29974
13162	4,11932,18865	3,29948
13163	4,11935,48813	3,29923
13164	4,11938,78736	3,29898
13165	4,11942,08634	3,29874
13166	4,11945,38508	3,29848
13167	4,11948,68356	3,29823
13168	4,11951,98179	3,29798
13169	4,11955,27977	3,29773
13170	4,11958,57750	3,29748
13171	4,11961,87498	3,29722
13172	4,11965,17220	3,29698
13173	4,11968,46918	3,29673
13174	4,11971,76591	3,29648
13175	4,11975,06239	3,29623
13176	4,11978,35862	3,29597
13177	4,11981,65459	3,29573
13178	4,11984,95032	3,29548
13179	4,11988,24580	3,29523
13180	4,11991,54103	3,29497
13181	4,11994,83600	3,29473
13182	4,11998,13073	3,29448
13183	4,12001,42521	3,29423
13184	4,12004,71944	3,29397
13185	4,12008,01341	3,29373
13186	4,12011,30714	3,29348
13187	4,12014,60062	3,29323
13188	4,12017,89385	3,29298
13189	4,12021,18683	3,29272
13190	4,12024,47955	3,29248
13191	4,12027,77203	3,29223
13192	4,12031,06426	3,29198
13193	4,12034,35624	3,29173
13194	4,12037,64797	3,29149
13195	4,12040,93946	3,29123
13196	4,12044,23069	3,29098
13197	4,12047,52167	3,29073
13198	4,12050,81240	3,29049
13199	4,12054,10289	3,29023
13200	4,12057,39312	3,28999

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
13201	4,12060,68311	3,28973	13251	4,12224,86540	3,27732	13301	4,12388,42935	3,26500
13202	4,12063,97284	3,28949	13252	4,12228,14272	3,27708	13302	4,12391,69435	3,26476
13203	4,12067,26233	3,28924	13253	4,12231,41980	3,27683	13303	4,12394,95911	3,26451
13204	4,12070,55157	3,28898	13254	4,12234,69663	3,27658	13304	4,12398,22362	3,26427
13205	4,12073,84055	3,28874	13255	4,12237,97321	3,27633	13305	4,12401,48789	3,26402
13206	4,12077,12929	3,28849	13256	4,12241,24954	3,27609	13306	4,12404,75191	3,26378
13207	4,12080,41778	3,28825	13257	4,12244,52563	3,27584	13307	4,12408,01569	3,26353
13208	4,12083,70603	3,28799	13258	4,12247,80147	3,27559	13308	4,12411,27922	3,26329
13209	4,12086,99402	3,28774	13259	4,12251,07706	3,27535	13309	4,12414,54251	3,26304
13210	4,12090,28176	3,28750	13260	4,12254,35241	3,27510	13310	4,12417,80555	3,26279
13211	4,12093,56926	3,28724	13261	4,12257,62751	3,27485	13311	4,12421,06834	3,26255
13212	4,12096,85650	3,28700	13262	4,12260,90236	3,27460	13312	4,12424,33089	3,26231
13213	4,12100,14350	3,28675	13263	4,12264,17696	3,27436	13313	4,12427,59320	3,26206
13214	4,12103,43025	3,28650	13264	4,12267,45132	3,27411	13314	4,12430,85526	3,26182
13215	4,12106,71675	3,28625	13265	4,12270,72543	3,27387	13315	4,12434,11708	3,26157
13216	4,12110,00300	3,28600	13266	4,12273,99930	3,27361	13316	4,12437,37865	3,26132
13217	4,12113,28900	3,28575	13267	4,12277,27291	3,27337	13317	4,12440,63997	3,26109
13218	4,12116,57475	3,28551	13268	4,12280,54628	3,27313	13318	4,12443,90106	3,26083
13219	4,12119,86026	3,28525	13269	4,12283,81941	3,27288	13319	4,12447,16189	3,26059
13220	4,12123,14551	3,28501	13270	4,12287,09229	3,27263	13320	4,12450,42248	3,26035
13221	4,12126,43052	3,28476	13271	4,12290,36492	3,27238	13321	4,12453,68283	3,26010
13222	4,12129,71528	3,28451	13272	4,12293,63730	3,27214	13322	4,12456,94293	3,25986
13223	4,12132,99979	3,28427	13273	4,12296,90944	3,27189	13323	4,12460,20279	3,25961
13224	4,12136,28406	3,28401	13274	4,12300,16133	3,27165	13324	4,12463,46240	3,25937
13225	4,12139,56807	3,28377	13275	4,12303,45298	3,27139	13325	4,12466,72177	3,25912
13226	4,12142,85184	3,28351	13276	4,12306,72437	3,27116	13326	4,12469,98089	3,25888
13227	4,12146,13535	3,28327	13277	4,12309,99553	3,27090	13327	4,12473,23977	3,25864
13228	4,12149,41862	3,28303	13278	4,12313,26643	3,27066	13328	4,12476,49841	3,25839
13229	4,12152,70165	3,28277	13279	4,12316,53709	3,27041	13329	4,12479,75680	3,25814
13230	4,12155,98442	3,28252	13280	4,12319,80750	3,27017	13330	4,12483,01494	3,25790
13231	4,12159,26694	3,28228	13281	4,12323,07767	3,26992	13331	4,12486,27284	3,25766
13232	4,12162,54922	3,28203	13282	4,12326,34759	3,26967	13332	4,12489,53050	3,25741
13233	4,12165,83125	3,28178	13283	4,12329,61726	3,26943	13333	4,12492,78791	3,25717
13234	4,12169,11303	3,28153	13284	4,12332,88669	3,26918	13334	4,12496,04508	3,25692
13235	4,12172,39456	3,28129	13285	4,12336,15587	3,26894	13335	4,12499,30200	3,25668
13236	4,12175,67585	3,28104	13286	4,12339,42481	3,26869	13336	4,12502,55868	3,25644
13237	4,12178,95689	3,28079	13287	4,12342,69350	3,26844	13337	4,12505,81512	3,25619
13238	4,12182,23768	3,28054	13288	4,12345,96194	3,26820	13338	4,12509,07131	3,25595
13239	4,12185,51822	3,28029	13289	4,12349,23014	3,26795	13339	4,12512,32726	3,25570
13240	4,12188,79851	3,28005	13290	4,12352,49809	3,26771	13340	4,12515,58296	3,25546
13241	4,12192,07856	3,27979	13291	4,12355,76580	3,26746	13341	4,12518,83842	3,25521
13242	4,12195,35835	3,27956	13292	4,12359,03326	3,26722	13342	4,12522,09363	3,25497
13243	4,12198,63791	3,27930	13293	4,12362,30048	3,26696	13343	4,12525,34860	3,25473
13244	4,12201,91721	3,27905	13294	4,12365,56744	3,26673	13344	4,12528,60333	3,25448
13245	4,12205,19626	3,27881	13295	4,12368,83417	3,26647	13345	4,12531,85781	3,25424
13246	4,12208,47507	3,27856	13296	4,12372,10064	3,26624	13346	4,12535,11205	3,25400
13247	4,12211,75363	3,27831	13297	4,12375,36688	3,26598	13347	4,12538,36605	3,25375
13248	4,12215,03194	3,27807	13398	4,12378,63286	3,26574	13348	4,12541,61980	3,25351
13249	4,12218,31001	3,27782	13299	4,12381,89860	3,26550	13349	4,12544,87331	3,25326
13250	4,12221,58783	3,27757	13300	4,12385,16410	3,26525	13350	4,12548,12657	3,25302

Num.	Logarithmi	Differ.
13351	4,12551,37959	3,25278
13352	4,12554,63237	3,25253
13353	4,12557,88490	3,25229
13354	4,12561,13719	3,25205
13355	4,12564,38924	3,25180
13356	4,12567,64104	3,25156
13357	4,12570,89260	3,25131
13358	4,12574,14391	3,25108
13359	4,12577,39499	3,25082
13360	4,12580,64581	3,25059
13361	4,12583,89640	3,25034
13362	4,12587,14674	3,25010
13363	4,12590,39684	3,24986
13364	4,12593,64670	3,24961
13365	4,12596,89631	3,24937
13366	4,12600,14568	3,24913
13367	4,12603,39481	3,24888
13368	4,12606,64369	3,24864
13369	4,12609,89233	3,24840
13370	4,12613,14073	3,24815
13371	4,12616,38888	3,24791
13372	4,12619,63679	3,24767
13373	4,12622,88446	3,24743
13374	4,12626,13189	3,24718
13375	4,12629,37907	3,24694
13376	4,12632,62601	3,24670
13377	4,12635,87271	3,24645
13378	4,12639,11916	3,24621
13379	4,12642,36537	3,24597
13380	4,12645,61134	3,24573
13381	4,12648,85707	3,24548
13382	4,12652,10255	3,24525
13383	4,12655,34780	3,24500
13384	4,12658,59280	3,24475
13385	4,12661,83755	3,24452
13386	4,12665,08207	3,24427
13387	4,12668,32634	3,24403
13388	4,12671,57037	3,24379
13389	4,12674,81416	3,24354
13390	4,12678,05770	3,24330
13391	4,12681,30100	3,24306
13392	4,12684,54406	3,24282
13393	4,12687,78688	3,24258
13394	4,12691,02946	3,24233
13395	4,12694,27179	3,24210
13396	4,12697,51389	3,24185
13397	4,12700,75574	3,24161
13398	4,12703,99735	3,24136
13399	4,12707,23871	3,24113
13400	4,12710,47984	3,24088

Num.	Logarithmi	Differ.
13401	4,12713,72072	3,24064
13402	4,12716,96136	3,24040
13403	4,12720,20176	3,24016
13404	4,12723,44192	3,23991
13405	4,12726,68183	3,23968
13406	4,12729,92151	3,23943
13407	4,12733,16094	3,23919
13408	4,12736,40013	3,23895
13409	4,12739,63908	3,23871
13410	4,12742,87779	3,23846
13411	4,12746,11625	3,23823
13412	4,12749,35448	3,23798
13413	4,12752,59246	3,23774
13414	4,12755,83020	3,23750
13415	4,12759,06770	3,23726
13416	4,12762,30496	3,23702
13417	4,12765,54198	3,23677
13418	4,12768,77875	3,23654
13419	4,12772,01529	3,23629
13420	4,12775,25158	3,23606
13421	4,12778,48764	3,23581
13422	4,12781,72345	3,23557
13423	4,12784,95902	3,23533
13424	4,12788,19435	3,23509
13425	4,12791,42944	3,23484
13426	4,12794,66428	3,23461
13427	4,12797,89889	3,23437
13428	4,12801,13326	3,23412
13429	4,12804,36738	3,23389
13430	4,12807,60127	3,23364
13431	4,12810,83491	3,23340
13432	4,12814,06831	3,23316
13433	4,12817,30147	3,23293
13434	4,12820,53440	3,23268
13435	4,12823,76708	3,23244
13436	4,12826,99952	3,23220
13437	4,12830,23172	3,23196
13438	4,12833,46368	3,23171
13439	4,12836,69539	3,23148
13440	4,12839,92687	3,23124
13441	4,12843,15811	3,23100
13442	4,12846,38911	3,23075
13443	4,12849,61986	3,23052
13444	4,12852,85038	3,23028
13445	4,12856,08066	3,23003
13446	4,12859,31069	3,22980
13447	4,12862,54049	3,22955
13448	4,12865,77004	3,22932
13449	4,12868,99936	3,22907
13450	4,12872,22843	3,22884

Num.	Logarithmi	Differ.
13451	4,12875,45727	3,22859
13452	4,12878,68586	3,22836
13453	4,12881,91422	3,22811
13454	4,12885,14233	3,22788
13455	4,12888,37021	3,22764
13456	4,12891,59785	3,22739
13457	4,12894,82524	3,22716
13458	4,12898,05240	3,22691
13459	4,12901,27931	3,22668
13460	4,12904,50599	3,22644
13461	4,12907,73243	3,22619
13462	4,12910,95862	3,22596
13463	4,12914,18458	3,22572
13464	4,12917,41030	3,22547
13465	4,12920,63577	3,22524
13466	4,12923,86101	3,22500
13467	4,12927,08601	3,22476
13468	4,12930,31077	3,22452
13469	4,12933,53529	3,22428
13470	4,12936,75957	3,22404
13471	4,12939,98361	3,22381
13472	4,12943,20742	3,22356
13473	4,12946,43098	3,22332
13474	4,12949,65430	3,22309
13475	4,12952,87739	3,22284
13476	4,12956,10023	3,22261
13477	4,12959,32284	3,22236
13478	4,12962,54520	3,22213
13479	4,12965,76733	3,22189
13480	4,12968,98922	3,22165
13481	4,12972,21087	3,22141
13482	4,12975,43228	3,22117
13483	4,12978,65345	3,22093
13484	4,12981,87438	3,22070
13485	4,12985,09508	3,22045
13486	4,12988,31553	3,22022
13487	4,12991,53575	3,21998
13488	4,12994,75573	3,21974
13489	4,12997,97547	3,21950
13490	4,13001,19497	3,21926
13491	4,13004,41423	3,21902
13492	4,13007,63325	3,21879
13493	4,13010,85204	3,21854
13494	4,13014,07058	3,21831
13495	4,13017,28889	3,21807
13496	4,13020,50696	3,21783
13497	4,13023,72479	3,21759
13498	4,13026,94238	3,21735
13499	4,13030,15973	3,21712
13500	4,13033,37685	3,21688

Chilias 14.

Num.	Logarithmi	Differ.
13501	4,13036,59373	3,21664
13502	4,13039,81037	3,21640
13503	4,13043,02677	3,21616
13504	4,13046,24293	3,21592
13505	4,13049,45885	3,21569
13506	4,13052,67454	3,21545
13507	4,13055,88999	3,21521
13508	4,13059,10520	3,21497
13509	4,13062,32017	3,21473
13510	4,13065,53490	3,21450
13511	4,13068,74940	3,21426
13512	4,13071,96366	3,21402
13513	4,13075,17768	3,21378
13514	4,13078,39146	3,21354
13515	4,13081,60500	3,21331
13516	4,13084,81831	3,21307
13517	4,13088,03138	3,21283
13518	4,13091,24421	3,21259
13519	4,13094,45680	3,21236
13520	4,13097,66916	3,21212
13521	4,13100,88128	3,21188
13522	4,13104,09316	3,21164
13523	4,13107,30480	3,21141
13524	4,13110,51621	3,21117
13525	4,13113,72738	3,21093
13526	4,13116,93831	3,21069
13527	4,13120,14900	3,21046
13528	4,13123,35946	3,21022
13529	4,13126,56968	3,20998
13530	4,13129,77966	3,20974
13531	4,13132,98940	3,20951
13532	4,13136,19891	3,20927
13533	4,13139,40818	3,20903
13534	4,13142,61721	3,20880
13535	4,13145,82601	3,20856
13536	4,13149,03457	3,20832
13537	4,13152,24289	3,20809
13538	4,13155,45098	3,20784
13539	4,13158,65882	3,20761
13540	4,13161,86643	3,20738
13541	4,13165,07381	3,20714
13542	4,13168,28095	3,20690
13543	4,13171,48785	3,20666
13544	4,13174,69451	3,20643
13545	4,13177,90094	3,20619
13546	4,13181,10713	3,20595
13547	4,13184,31308	3,20572
13548	4,13187,51880	3,20548
13549	4,13190,72428	3,20524
13550	4,13193,92952	3,20501

Chilias 14.

Num.	Logarithmi	Differ.
13551	4,13197,13453	3,20477
13552	4,13200,33930	3,20453
13553	4,13203,54383	3,20430
13554	4,13206,74813	3,20406
13555	4,13209,95219	3,20383
13556	4,13213,15602	3,20359
13557	4,13216,35961	3,20335
13558	4,13219,56296	3,20311
13559	4,13222,76607	3,20288
13560	4,13225,96895	3,20265
13561	4,13229,17160	3,20240
13562	4,13232,37400	3,20218
13563	4,13235,57618	3,20193
13564	4,13238,77811	3,20170
13565	4,13241,97981	3,20146
13566	4,13245,18127	3,20123
13567	4,13248,38250	3,20099
13568	4,13251,58349	3,20076
13569	4,13254,78425	3,20052
13570	4,13257,98477	3,20028
13571	4,13261,18505	3,20005
13572	4,13264,38510	3,19981
13573	4,13267,58491	3,19958
13574	4,13270,78449	3,19934
13575	4,13273,98383	3,19910
13576	4,13277,18293	3,19887
13577	4,13280,38180	3,19863
13578	4,13283,58043	3,19840
13579	4,13286,77883	3,19816
13580	4,13289,97699	3,19793
13581	4,13293,17492	3,19769
13582	4,13296,37261	3,19746
13583	4,13299,57007	3,19722
13584	4,13302,76729	3,19699
13585	4,13305,96428	3,19675
13586	4,13309,16103	3,19651
13587	4,13312,35754	3,19628
13588	4,13315,55382	3,19604
13589	4,13318,74986	3,19581
13590	4,13321,94567	3,19558
13591	4,13325,14125	3,19534
13592	4,13328,33659	3,19510
13593	4,13331,53169	3,19487
13594	4,13334,72656	3,19463
13595	4,13337,92119	3,19440
13596	4,13341,11559	3,19416
13597	4,13344,30975	3,19393
13598	4,13347,50368	3,19370
13599	4,13350,69738	3,19346
13600	4,13353,89084	3,19322

Chilias 14.

Num.	Logarithmi	Differ.
13601	4,13357,08406	3,19299
13602	4,13360,27705	3,19276
13603	4,13363,46981	3,19252
13604	4,13366,66233	3,19228
13605	4,13369,85461	3,19205
13606	4,13373,04666	3,19182
13607	4,13376,23848	3,19158
13608	4,13379,43006	3,19135
13609	4,13382,62141	3,19111
13610	4,13385,81252	3,19088
13611	4,13389,00340	3,19064
13612	4,13392,19404	3,19041
13613	4,13395,38445	3,19018
13614	4,13398,57463	3,18994
13615	4,13401,76457	3,18970
13616	4,13404,95427	3,18948
13617	4,13408,14375	3,18923
13618	4,13411,33298	3,18901
13619	4,13414,52199	3,18877
13620	4,13417,71076	3,18853
13621	4,13420,89929	3,18830
13622	4,13424,08759	3,18807
13623	4,13427,27566	3,18784
13624	4,13430,46350	3,18759
13625	4,13433,65109	3,18737
13626	4,13436,83846	3,18713
13627	4,13440,02559	3,18690
13628	4,13443,21249	3,18666
13629	4,13446,39915	3,18643
13630	4,13449,58558	3,18620
13631	4,13452,77178	3,10596
13632	4,13455,95774	3,18573
13633	4,13459,14347	3,18550
13634	4,13462,32897	3,18526
13635	4,13465,51423	3,18503
13636	4,13468,69926	3,18479
13637	4,13471,88405	3,18456
13638	4,13475,06861	3,18433
13639	4,13478,25294	3,18499
13640	4,13481,43703	3,18386
13641	4,13484,62089	3,18363
13642	4,13487,80452	3,18339
13643	4,13490,98791	3,18316
13644	4,13494,17107	3,18293
13645	4,13497,35400	3,18269
13646	4,13500,53669	3,18246
13647	4,13503,71915	3,18223
13648	4,13506,90138	3,18200
13649	4,13510,08338	3,18176
13650	4,13513,26514	3,18153

Num.	Logarithmi	Differ.
13651	4,13516,44667	3,18129
13652	4,13519,62796	3,18106
13653	4,13522,80902	3,18083
13654	4,13525,98985	3,18060
13655	4,13529,17045	3,18036
13656	4,13532,35081	3,18013
13657	4,13535,53094	3,17990
13658	4,13538,71084	3,17966
13659	4,13541,89050	3,17943
13660	4,13545,06993	3,17920
13661	4,13548,24913	3,17897
13662	4,13551,42810	3,17873
13663	4,13554,60683	3,17850
13664	4,13557,78533	3,17827
13665	4,13560,96360	3,17804
13666	4,13564,14164	3,17780
13667	4,13567,31944	3,17757
13668	4,13570,49701	3,17734
13669	4,13573,67435	3,17711
13670	4,13576,85146	3,17687
13671	4,13580,02833	3,17664
13672	4,13583,20497	3,17641
13673	4,13586,38138	3,17618
13674	4,13589,55756	3,17594
13675	4,13592,73350	3,17571
13676	4,13595,90921	3,17548
13677	4,13599,08469	3,17525
13678	4,13602,25994	3,17502
13679	4,13605,43496	3,17478
13680	4,13608,60974	3,17455
13681	4,13611,78429	3,17432
13682	4,13614,95861	3,17409
13683	4,13618,13270	3,17385
13684	4,13621,30655	3,17362
13685	4,13624,48017	3,17340
13686	4,13627,65357	3,17316
13687	4,13630,82673	3,17292
13688	4,13633,99965	3,17270
13689	4,13637,17235	3,17246
13690	4,13640,34481	3,17224
13691	4,13643,51705	3,17200
13692	4,13646,68905	3,17177
13693	4,13649,86082	3,17153
13694	4,13653,03235	3,17131
13695	4,13656,20366	3,17107
13696	4,13659,37473	3,17085
13697	4,13662,54558	3,17061
13698	4,13665,71619	3,17038
13699	4,13668,88657	3,17015
13700	4,13672,05672	3,16991

Chilias 14.

Num.	Logarithmi	Differ.
13701	4,13675,22663	3,16969
13702	4,13678,39632	3,16945
13703	4,13681,56577	3,16923
13704	4,13684,73500	3,16899
13705	4,13687,90399	3,16876
13706	4,13691,07275	3,16853
13707	4,13694,24128	3,16830
13708	4,13697,40958	3,16806
13709	4,13700,57764	3,16784
13710	4,13703,74548	3,16760
13711	4,13706,91308	3,16738
13712	4,13710,08046	3,16714
13713	4,13713,24760	3,16691
13714	4,13716,41451	3,16668
13715	4,13719,58119	3,16645
13716	4,13722,74764	3,16622
13717	4,13725,91386	3,16599
13718	4,13729,07985	3,16576
13719	4,13732,24561	3,16553
13720	4,13735,41114	3,16529
13721	4,13738,57643	3,16507
13722	4,13741,74150	3,16483
13723	4,13744,90633	3,16461
13724	4,13748,07094	3,16437
13725	4,13751,23531	3,16415
13726	4,13754,39946	3,16391
13727	4,13757,56337	3,16368
13728	4,13760,72705	3,16345
13729	4,13763,89050	3,16322
13730	4,13767,05372	3,16299
13731	4,13770,21671	3,16277
13732	4,13773,37948	3,16253
13733	4,13776,54201	3,16230
13734	4,13779,70431	3,16207
13735	4,13782,86638	3,16184
13736	4,13786,02822	3,16160
13737	4,13789,18982	3,16138
13738	4,13792,35120	3,16115
13739	4,13795,51235	3,16092
13740	4,13798,67327	3,16069
13741	4,13801,83396	3,16046
13742	4,13804,99442	3,16023
13743	4,13808,15465	3,16000
13744	4,13811,31465	3,15977
13745	4,13814,47442	3,15954
13746	4,13817,63396	3,15931
13747	4,13820,79327	3,15908
13748	4,13823,95235	3,15885
13749	4,13827,11120	3,15862
13750	4,13830,26982	3,15839

Chilias 14.

Num.	Logarithmi	Differ.
13751	4,13833,42821	3,15816
13752	4,13836,58637	3,15793
13753	4,13839,74430	3,15770
13754	4,13842,90200	3,15747
13755	4,13846,05947	3,15724
13756	4,13849,21671	3,15702
13757	4,13852,37373	3,15678
13758	4,13855,53051	3,15656
13759	4,13858,68707	3,15632
13760	4,13861,84339	3,15610
13761	4,13864,99949	3,15586
13762	4,13868,15535	3,15564
13763	4,13871,31099	3,15540
13764	4,13874,46639	3,15518
13765	4,13877,62157	3,15495
13766	4,13880,77652	3,15472
13767	4,13883,93124	3,15449
13768	4,13887,08573	3,15426
13769	4,13890,23999	3,15404
13770	4,13893,39403	3,15380
13771	4,13896,54783	3,15357
13772	4,13899,70140	3,15335
13773	4,13902,85475	3,15311
13774	4,13906,00786	3,15289
13775	4,13909,16075	3,15266
13776	4,13912,31341	3,15243
13777	4,13915,46584	3,15220
13778	4,13918,61804	3,15197
13779	4,13921,77001	3,15175
13780	4,13924,92176	3,15151
13781	4,13928,07327	3,15129
13782	4,13931,22456	3,15106
13783	4,13934,37562	3,15082
13784	4,13937,52644	3,15060
13785	4,13940,67704	3,15038
13786	4,13943,82742	3,15014
13787	4,13946,97756	3,14991
13788	4,13950,12747	3,14969
13789	4,13953,27716	3,14946
13790	4,13956,42662	3,14923
13791	4,13959,57585	3,14900
13792	4,13962,72485	3,14877
13793	4,13965,87362	3,14855
13794	4,13969,02217	3,14831
13795	4,13972,17048	3,14809
13796	4,13975,31857	3,14786
13797	4,13978,46643	3,14763
13798	4,13981,61406	3,14740
13799	4,13984,76146	3,14718
13800	4,13987,90864	3,14695

Chilias 14. | Chilias 14. | Chilias 14.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
13801	4,13991,05559	3,14672	13851	4,14148,11293	3,13536	13901	4,14304,60433	3,12409
13802	4,13994,20231	3,14649	13852	4,14151,24829	3,13513	13902	4,14307,72842	3,12386
13803	4,13997,34880	3,14626	13853	4,14154,38342	3,13491	13903	4,14310,85228	3,12363
13804	4,14000,49506	3,14604	13854	4,14157,51833	3,13468	13904	4,14313,97591	3,12341
13805	4,14003,64110	3,14581	13855	4,14160,65301	3,13446	13905	4,14317,09932	3,12318
13806	4,14006,78691	3,14558	13856	4,14163,78747	3,13423	13906	4,14320,22250	3,12297
13807	4,14009,93249	3,14535	13857	4,14166,92170	3,13400	13907	4,14323,34547	3,12273
13808	4,14013,07784	3,14512	13858	4,14170,05570	3,13378	13908	4,14326,46820	3,12251
13809	4,14016,22296	3,14490	13859	4,14173,18948	3,13355	13909	4,14329,59071	3,12229
13810	4,14019,36786	3,14467	13860	4,14176,32303	3,13332	13910	4,14332,71300	3,12206
13811	4,14022,51253	3,14444	13861	4,14179,45635	3,13310	13911	4,14335,83506	3,12184
13812	4,14025,65697	3,14421	13862	4,14182,58945	3,13287	13912	4,14338,95690	3,12161
13813	4,14028,80118	3,14399	13863	4,14185,72232	3,13265	13913	4,14342,07851	3,12139
13814	4,14031,94517	3,14376	13864	4,14188,85497	3,13242	13914	4,14345,19990	3,12117
13815	4,14035,08893	3,14353	13865	4,14191,98739	3,13220	13915	4,14348,32107	3,12094
13816	4,14038,23246	3,14330	13866	4,14195,11959	3,13197	13916	4,14351,44201	3,12071
13817	4,14041,37576	3,14307	13867	4,14198,25156	3,13174	13917	4,14354,56272	3,12050
13818	4,14044,51883	3,14285	13868	4,14201,38330	3,13152	13918	4,14357,68322	3,12026
13819	4,14047,66168	3,14262	13869	4,14204,51482	3,13129	13919	4,14360,80348	3,12005
13820	4,14050,80430	3,14240	13870	4,14207,64611	3,13106	13920	4,14363,92353	3,11982
13821	4,14053,94670	3,14216	13871	4,14210,77717	3,13084	13921	4,14367,04335	3,11959
13822	4,14057,08886	3,14194	13872	4,14213,90801	3,13062	13922	4,14370,16294	3,11937
13823	4,14060,23080	3,14171	13873	4,14217,03863	3,13039	13923	4,14373,28231	3,11915
13824	4,14063,37251	3,14149	13874	4,14220,16902	3,13016	13924	4,14376,40146	3,16892
13825	4,14066,51400	3,14125	13875	4,14223,29918	3,12994	13925	4,14379,52038	3,11870
13826	4,14069,65525	3,14103	13876	4,14226,42912	3,12971	13926	4,14382,63908	3,11848
13827	4,14072,79628	3,14081	13877	4,14229,55883	3,12949	13927	4,14385,75756	3,11825
13828	4,14075,93709	3,14057	13878	4,14232,68832	3,12926	13928	4,14388,87581	3,11803
13829	4,14079,07766	3,14035	13879	4,14235,81758	3,12903	13929	4,14391,99384	3,11780
13830	4,14082,21801	3,14012	13880	4,14238,94661	3,12881	13930	4,14395,11164	3,11758
13831	4,14085,35813	3,13990	13881	4,14242,07542	3,12859	13931	4,14398,22922	3,11736
13832	4,14088,49803	3,13966	13882	4,14245,20401	3,12836	13932	4,14401,34658	3,11713
13833	4,14091,63769	3,13944	13883	4,14248,33237	3,12813	13933	4,14404,46371	3,11691
13834	4,14094,77713	3,13922	13884	4,14251,46050	3,12791	13934	4,14407,58062	3,11668
13835	4,14097,91635	3,13898	13885	4,14254,58841	3,12768	13935	4,14410,69730	3,11647
13836	4,14101,05533	3,13876	13886	4,14257,71609	3,12746	13936	4,14413,81377	3,11623
13837	4,14104,19409	3,13854	13887	4,14260,84355	3,12723	13937	4,14416,93000	3,11602
13838	4,14107,33263	3,13830	13888	4,14263,97078	3,12701	13938	4,14420,04602	3,11579
13839	4,14110,47093	3,13808	13889	4,14267,09779	3,12678	13939	4,14423,16181	3,11557
13840	4,14113,60901	3,13785	13890	4,14270,22457	3,12656	13940	4,14426,27738	3,11534
13841	4,14116,74686	3,13763	13891	4,14273,35113	3,12633	13941	4,14429,39272	3,11512
13842	4,14119,88449	3,13740	13892	4,14276,47746	3,12611	13942	4,14432,50784	3,11490
13843	4,14123,02189	3,13717	13893	4,14279,60357	3,12588	13943	4,14435,62274	3,11467
13844	4,14126,15906	3,13695	13894	4,14282,72945	3,12566	13944	4,14438,73741	3,11445
13845	4,14129,29601	3,13672	13895	4,14285,85511	3,12543	13945	4,14441,85186	3,11423
13846	4,14132,43273	3,13649	13896	4,14288,98054	3,12521	13946	4,14444,96609	3,11400
13847	4,14135,56922	3,13627	13897	4,14292,10575	3,12498	13947	4,14448,08009	3,11378
13848	4,14138,70549	3,13604	13898	4,14295,23073	3,12476	13948	4,14451,19387	3,11356
13849	4,14141,84153	3,13581	13899	4,14298,35549	3,12454	13949	4,14454,30743	3,11333
13850	4,14144,97734	3,13559	13900	4,14301,48003	3,12430	13950	4,14457,42076	3,61311

Num.	Logarithmi	Differ.
13951	4,14460,53387	3,11289
13952	4,14463,64676	3,11266
13953	4,14466,75942	3,11244
13954	4,14469,87186	3,11222
13955	4,14472,98408	3,11200
13956	4,14476,09608	3,11177
13957	4,14479,20785	3,11155
13958	4,14482,31940	3,11133
13959	4,14485,43073	3,11110
13960	4,14488,54183	3,11088
13961	4,14491,65271	3,11066
13962	4,14494,76337	3,11043
13963	4,14497,87380	3,11021
13964	4,14500,98401	3,10999
13965	4,14504,09400	3,10977
13966	4,14507,20377	3,10954
13967	4,14510,31331	3,10933
13968	4,14513,42264	3,10910
13969	4,14516,53174	3,10887
13970	4,14519,64061	3,10866
13971	4,14522,74927	3,10843
13972	4,14525,85770	3,10821
13973	4,14528,96591	3,10798
13974	4,14532,07389	3,10777
13975	4,14535,18166	3,10754
13976	4,14538,28920	3,10732
13977	4,14541,39652	3,10709
13978	4,14544,50361	3,10688
13979	4,14547,61049	3,10665
13980	4,14550,71714	3,10643
13981	4,14553,82357	3,10621
13982	4,14556,92978	3,10599
13983	4,14560,03577	3,10576
13984	4,14563,14153	3,10554
13985	4,14566,24707	3,10532
13986	4,14569,35239	3,10510
13987	4,14572,45749	3,10487
13988	4,14575,56236	3,10466
13989	4,14578,66702	3,10443
13990	4,14581,77145	3,10421
13991	4,14584,87566	3,10399
13992	4,14587,97965	3,10376
13993	4,14591,08341	3,10355
13994	4,14594,18696	3,10332
13995	4,14597,29028	3,10310
13996	4,14600,39338	3,10288
13997	4,14603,49626	3,10266
13998	4,14606,59892	3,10243
13999	4,14609,70135	3,10222
14000	4,14612,80357	3,10199

Num.	Logarithmi	Differ.
14001	4,14615,90556	3,10177
14002	4,14619,00733	3,10155
14003	4,14622,10888	3,10133
14004	4,14625,21021	3,10111
14005	4,14628,31132	3,10088
14006	4,14631,41220	3,10067
14007	4,14634,51287	3,10044
14008	4,14637,61331	3,10022
14009	4,14640,71353	3,10000
14010	4,14643,81353	3,09978
14011	4,14646,91331	3,09955
14012	4,14650,01286	3,09934
14013	4,14653,11220	3,09912
14014	4,14656,21132	3,09889
14015	4,14659,31021	3,09867
14016	4,14662,40888	3,09845
14017	4,14665,50733	3,09823
14018	4,14668,60556	3,09801
14019	4,14671,70357	3,09779
14020	4,14674,81036	3,09757
14021	4,14677,89893	3,09735
14022	4,14680,99628	3,09712
14023	4,14684,09340	3,09691
14024	4,14687,19031	3,09668
14025	4,14690,28699	3,09647
14026	4,14693,38346	3,09624
14027	4,14696,47970	3,09602
14028	4,14699,57572	3,09580
14029	4,14702,67152	3,09558
14030	4,14705,76710	3,09536
14031	4,14708,86246	3,09514
14032	4,14711,95760	3,09492
14033	4,14715,05252	3,09470
14034	4,14718,14722	3,09448
14035	4,14721,24170	3,09425
14036	4,14724,33595	3,09404
14037	4,14727,42999	3,09382
14038	4,14730,52381	3,09359
14039	4,14733,61740	3,09338
14040	4,14736,71078	3,09315
14041	4,14739,80393	3,09294
14042	4,14742,89687	3,09271
14043	4,14745,98958	3,09250
14044	4,14749,08208	3,09227
14045	4,14752,17435	3,09206
14046	4,14755,26641	3,09183
14047	4,14758,35824	3,09162
14048	4,14761,44986	3,09139
14049	4,14764,54125	3,09117
14050	4,14767,63242	3,09096

Num.	Logarithmi	Differ.
14051	4,14770,72338	3,09073
14052	4,14773,81411	3,09052
14053	4,14776,90463	3,09029
14054	4,14779,99492	3,09007
14055	4,14783,08499	3,08986
14056	4,14786,17485	3,08963
14057	4,14789,26448	3,08942
14058	4,14792,35390	3,08919
14059	4,14795,44309	3,08898
14060	4,14798,53207	3,08875
14061	4,14801,62082	3,08854
14062	4,14804,70936	3,08832
14063	4,14807,79768	3,08809
14064	4,14810,88577	3,08788
14065	4,14813,97365	3,08766
14066	4,14817,06131	3,08744
14067	4,14820,14875	3,08721
14068	4,14823,23596	3,08700
14069	4,14826,32296	3,08678
14070	4,14829,40974	3,08656
14071	4,14832,49630	3,08634
14072	4,14835,58264	3,08613
14073	4,14838,66877	3,08590
14074	4,14841,75467	3,08568
14075	4,14844,84035	3,08547
14076	4,14847,92582	3,08524
14077	4,14851,01106	3,08503
14078	4,14854,09609	3,08480
14079	4,14857,18089	3,08459
14080	4,14860,26548	3,08437
14081	4,14863,34985	3,08415
14082	4,14866,43400	3,08393
14083	4,14869,51793	3,08371
14084	4,14872,60164	3,08349
14085	4,14875,68513	3,08328
14086	4,14878,76841	3,08305
14087	4,14881,85146	3,08284
14088	4,14884,93430	3,08261
14089	4,14888,01691	3,08240
14090	4,14891,09931	3,08218
14091	4,14894,18149	3,08196
14092	4,14897,26345	3,08174
14093	4,14900,34519	3,08153
14094	4,14903,42672	3,08130
14095	4,14906,50802	3,08109
14096	4,14909,58911	3,08086
14097	4,14912,66997	3,08065
14098	4,14915,75062	3,08043
14099	4,14918,83105	3,08022
14100	4,14921,91127	3,07999

 Chilias 15. Chilias 15.

Num.	Logarithmi	Differ.
14101	4,14924,99126	3,07977
14102	4,14928,07103	3,07956
14103	4,14931,15059	3,07934
14104	4,14934,22993	3,07912
14105	4,14937,30905	3,07890
14106	4,14940,38795	3,07868
14107	4,14943,46663	3,07847
14108	4,14946,54510	3,07825
14109	4,14949,62335	3,07803
14110	4,14952,70138	3,07781
14111	4,14955,77919	3,07759
14112	4,14958,85678	3,07737
14113	4,14961,93415	3,07716
14114	4,14965,01131	3,07694
14115	4,14968,08825	3,07672
14116	4,14971,16497	3,07650
14117	4,14974,24147	3,07629
14118	4,14977,31776	3,07606
14119	4,14980,39382	3,07585
14120	4,14983,46967	3,07563
14121	4,14986,54530	3,07542
14122	4,14989,62072	3,07519
14123	4,14992,69591	3,07498
14124	4,14995,77089	3,07476
14125	4,14998,84565	3,07454
14126	4,15001,92019	3,07433
14127	4,15004,99452	3,07410
14128	4,15008,06862	3,07389
14129	4,15011,14251	3,07367
14130	4,15014,21618	3,07346
14131	4,15017,28964	3,07324
14132	4,15020,36288	3,07302
14133	4,15023,43590	3,07280
14134	4,15026,50870	3,07258
14135	4,15029,58128	3,07237
14136	4,15032,65365	3,07215
14137	4,15035,72580	3,07193
14138	4,15038,79773	3,07172
14139	4,15041,86945	3,07150
14140	4,15044,94095	3,07128
14141	4,15048,01223	3,07106
14142	4,15051,08329	3,07085
14143	4,15054,15414	3,07063
14144	4,15057,22477	3,07041
14145	4,15060,29518	3,07019
14146	4,15063,36537	3,06998
14147	4,15066,43535	3,06976
14148	4,15069,50511	3,06955
14149	4,15072,57466	3,06933
14150	4,15075,64399	3,06911
14151	4,15078,71310	3,06889
14152	4,15081,78199	3,06868
14153	4,15084,85067	3,06846
14154	4,15087,91913	3,06824
14155	4,15090,98737	3,06803
14156	4,15094,05540	3,06781
14157	4,15097,12321	3,06759
14158	4,15100,19080	3,06738
14159	4,15103,25818	3,06716
14160	4,15106,32534	3,06694
14161	4,15109,39228	3,06673
14162	4,15112,45901	3,06651
14163	4,15115,52552	3,06629
14164	4,15118,59181	3,06608
14165	4,15121,65789	3,06586
14166	4,15124,72375	3,06564
14167	4,15127,78939	3,06543
14168	4,15130,85482	3,06521
14169	4,15133,92003	3,06499
14170	4,15136,98502	3,06478
14171	4,15140,04980	3,06457
14172	4,15143,11437	3,06434
14173	4,15146,17871	3,06413
14174	4,15149,24284	3,06392
14175	4,15152,30676	3,06369
14176	4,15155,37045	3,06349
14177	4,15158,43394	3,06326
14178	4,15161,49720	3,06305
14179	4,15164,56025	3,06283
14180	4,15167,62308	3,06262
14181	4,15170,68570	3,06240
14182	4,15173,74810	3,06219
14183	4,15176,81029	3,06197
14184	4,15179,87226	3,06175
14185	4,15182,93401	3,06154
14186	4,15185,99555	3,06132
14187	4,15189,05687	3,06111
14188	4,15192,11798	3,06089
14189	4,15195,17887	3,06068
14190	4,15198,23955	3,06046
14191	4,15201,30001	3,06024
14192	4,15204,36025	3,06003
14193	4,15207,42028	3,05981
14194	4,15210,48009	3,05960
14195	4,15213,53969	3,05938
14196	4,15216,59907	3,05916
14197	4,15219,65823	3,05895
14198	4,15222,71718	3,05874
14199	4,15225,77592	3,05852
14200	4,15228,83444	3,05830
14201	4,15231,89274	3,05809
14202	4,15234,95083	3,05787
14203	4,15238,00870	3,05766
14204	4,15241,06636	3,05745
14205	4,15244,12381	3,05722
14206	4,15247,18103	3,05702
14207	4,15250,23805	3,05679
14208	4,15253,29484	3,05659
14209	4,15256,35143	3,05636
14210	4,15259,40779	3,05615
14211	4,15262,46394	3,05594
14212	4,15265,51988	3,05572
14213	4,15268,57560	3,05551
14214	4,15271,63111	3,05529
14215	4,15274,68640	3,05508
14216	4,15277,74148	3,05486
14217	4,15280,79634	3,05465
14218	4,15283,85099	3,05443
14219	4,15286,90542	3,05422
14220	4,15289,95964	3,05400
14221	4,15293,01364	3,05379
14222	4,15296,06743	3,05357
14223	4,15299,12100	3,05336
14224	4,15302,17436	3,05315
14225	4,15305,22751	3,05293
14226	4,15308,28044	3,05271
14227	4,15311,33315	3,05250
14228	4,15314,38565	3,05229
14229	4,15317,43794	3,05207
14230	4,15320,49001	3,05186
14231	4,15323,54187	3,05164
14232	4,15326,59351	3,05143
14233	4,15329,64494	3,05121
14234	4,15332,69615	3,05100
14235	4,15335,74715	3,05078
14236	4,15338,79793	3,05057
14237	4,15341,84850	3,05036
14238	4,15344,89886	3,05014
14239	4,15347,94900	3,04993
14240	4,15350,99893	3,04971
14241	4,15354,04864	3,04950
14242	4,15357,09814	3,04929
14243	4,15360,14743	3,04907
14244	4,15363,19650	3,04886
14245	4,15366,24536	3,04864
14246	4,15369,29400	3,04843
14247	4,15372,34243	3,04822
14248	4,15375,39065	3,04800
14249	4,15378,43865	3,04778
14250	4,15381,48643	3,04758

Num.	Logarithmi	Differ.
14251	4,15384,53401	3,04736
14252	4,15387,58137	3,04714
14253	4,15390,62851	3,04694
14254	4,15393,67545	3,04671
14255	4,15396,72216	3,04651
14256	4,15399,76867	3,04629
14257	4,15402,81496	3,04608
14258	4,15405,86104	3,04586
14259	4,15408,90690	3,04565
14260	4,15411,95255	3,04544
14261	4,15414,99799	3,04522
14262	4,15418,04321	3,04501
14263	4,15421,08822	3,04480
14264	4,15424,13302	3,04458
14265	4,15427,17760	3,04437
14266	4,15430,22197	3,04415
14267	4,15433,26612	3,04395
14268	4,15436,31007	3,04373
14269	4,15439,35380	3,04351
14270	4,15442,39731	3,04330
14271	4,15445,44061	3,04309
14272	4,15448,48370	3,04288
14273	4,15451,52658	3,04266
14274	4,15454,56924	3,04245
14275	4,15457,61169	3,04224
14276	4,15460,65393	3,04202
14277	4,15463,69595	3,04181
14278	4,15466,73776	3,04160
14279	4,15469,77936	3,04138
14280	4,15472,82074	3,04118
14281	4,15475,86192	3,04095
14282	4,15478,90287	3,04075
14283	4,15481,94362	3,04053
14284	4,15484,98415	3,04032
14285	4,15488,02447	3,04011
14286	4,15491,06458	3,03989
14287	4,15494,10447	3,03968
14288	4,15497,14415	3,03947
14289	4,15500,18362	3,03926
14290	4,15503,22288	3,03904
14291	4,15506,26192	3,03883
14292	4,15509,30075	3,03862
14293	4,15512,33937	3,03841
14294	4,15515,37778	3,03819
14295	4,15518,41597	3,03798
14296	4,15521,45395	3,03777
14297	4,15524,49172	3,03755
14298	4,15527,52927	3,03735
14299	4,15530,56662	3,03713
14300	4,15533,60375	3,03691

Num.	Logarithmi	Differ.
14301	4,15536,64066	3,03671
14302	4,15539,67737	3,03649
14303	4,15542,71386	3,03629
14304	4,15545,75015	3,03606
14305	4,15548,78621	3,03586
14306	4,15551,82207	3,03565
14307	4,15554,85772	3,03543
14308	4,15557,89315	3,03522
14309	4,15560,92837	3,03501
14310	4,15563,96338	3,03479
14311	4,15566,99817	3,03459
14312	4,15570,03276	3,03437
14313	4,15573,06713	3,03416
14314	4,15576,10129	3,03395
14315	4,15579,13524	3,03373
14316	4,15582,16897	3,03353
14317	4,15585,20250	3,03331
14318	4,15588,23581	3,03310
14319	4,15591,26891	3,03289
14320	4,15594,30180	3,03267
14321	4,15597,33447	3,03247
14322	4,15600,36694	3,03225
14323	4,15603,39919	3,03204
14324	4,15606,43123	3,03183
14325	4,15609,46306	3,03162
14326	4,15612,49468	3,03141
14327	4,15615,52609	3,03119
14328	4,15618,55728	3,03099
14329	4,15621,58827	3,03077
14330	4,15624,61904	3,03056
14331	4,15627,64960	3,03035
14332	4,15630,67995	3,03014
14333	4,15633,71009	3,02992
14334	4,15636,74001	3,02972
14335	4,15639,76973	3,02950
14336	4,15642,79923	3,02929
14337	4,15645,82852	3,02909
14338	4,15648,85761	3,02886
14339	4,15651,88647	3,02866
14340	4,15654,91513	3,02845
14341	4,15657,94358	3,02824
14342	4,15660,97182	3,02802
14343	4,15663,99984	3,02782
14344	4,15667,02766	3,02760
14345	4,15670,05526	3,02739
14346	4,15673,08265	3,02718
14347	4,15676,10983	3,02697
14348	4,15679,13680	3,02676
14349	4,15682,16356	3,02655
14350	4,15685,19011	3,02633

Num.	Logarithmi	Differ.
14351	4,15688,21644	3,02613
14352	4,15691,24257	3,02592
14353	4,15694,26849	3,02570
14354	4,15697,29419	3,02549
14355	4,15700,31968	3,02529
14356	4,15703,34497	3,02507
14357	4,15706,37004	3,02486
14358	4,15709,39490	3,02465
14359	4,15712,41955	3,02444
14360	4,15715,44399	3,02423
14361	4,15718,46822	3,02402
14362	4,15721,49224	3,02381
14363	4,15724,51605	3,02360
14364	4,15727,53965	3,02338
14365	4,15730,56303	3,02318
14366	4,15733,58621	3,02297
14367	4,15736,60918	3,02275
14368	4,15739,63193	3,02255
14369	4,15742,65448	3,02233
14370	4,15745,67681	3,02213
14371	4,15748,69894	3,02191
14372	4,15751,72085	3,02171
14373	4,15754,74256	3,02149
14374	4,15757,76405	3,02129
14375	4,15760,78534	3,02107
14376	4,15763,80641	3,02086
14377	4,15766,82727	3,02066
14378	4,15769,84793	3,02044
14379	4,15772,86837	3,02023
14380	4,15775,88860	3,02003
14381	4,15778,90863	3,01981
14382	4,15781,92844	3,01961
14383	4,15784,94805	3,01939
14384	4,15787,96744	3,01918
14385	4,15790,98662	3,01898
14386	4,15794,00560	3,01876
14387	4,15797,02436	3,01855
14388	4,15800,04291	3,01835
14389	4,15803,06126	3,01813
14390	4,15806,07939	3,01793
14391	4,15809,09732	3,01771
14392	4,15812,11503	3,01751
14393	4,15815,13254	3,01730
14394	4,15818,14984	3,01708
14395	4,15821,16692	3,01688
14396	4,15824,18380	3,01667
14397	4,15827,20047	3,01645
14398	4,15830,21692	3,01625
14399	4,15833,23317	3,01604
14400	4,15836,24921	3,01583

Num.	Logarithmi	Differ.
14401	4,15839,26504	3,01562
14402	4,15842,28066	3,01541
14403	4,15845,29607	3,01520
14404	4,15848,31127	3,01499
14405	4,15851,32626	3,01478
14406	4,15854,34104	3,01458
14407	4,15857,35562	3,01436
14408	4,15860,36998	3,01416
14409	4,15863,38414	3,01394
14410	4,15866,39808	3,01374
14411	4,15869,41182	3,01353
14412	4,15872,42535	3,01331
14413	4,15875,43866	3,01311
14414	4,15878,45177	3,01290
14415	4,15881,46467	3,01269
14416	4,15884,47736	3,01249
14417	4,15887,48985	3,01227
14418	4,15890,50212	3,01206
14419	4,15893,51418	3,01186
14420	4,15896,52604	3,01164
14421	4,15899,53768	3,01144
14422	4,15902,54912	3,01123
14423	4,15905,56035	3,01102
14424	4,15908,57137	3,01081
14425	4,15911,58218	3,01061
14426	4,15914,59279	3,01039
14427	4,15917,60318	3,01018
14428	4,15920,61336	3,00998
14429	4,15923,62334	3,00977
14430	4,15926,63311	3,00956
14431	4,15929,64267	3,00935
14432	4,15932,65202	3,00914
14433	4,15935,66116	3,00894
14434	4,15938,67010	3,00872
14435	4,15941,67882	3,00852
14436	4,15944,68734	3,00831
14437	4,15947,69565	3,00810
14438	4,15950,70375	3,00789
14439	4,15953,71164	3,00768
14440	4,15956,71932	3,00748
14441	4,15959,72680	3,00727
14442	4,15962,73407	3,00705
14443	4,15965,74112	3,00686
14444	4,15968,74798	3,00664
14445	4,15971,75462	3,00643
14446	4,15974,76105	3,00623
14447	4,15977,76728	3,00602
14448	4,15980,77330	3,00581
14449	4,15983,77911	3,00560
14450	4,15986,78471	3,00539

Chilias 15.

Num.	Logarithmi	Differ.
14451	4,15989,79010	3,00519
14452	4,15992,79529	3,00498
14453	4,15995,80027	3,00477
14454	4,15998,80504	3,00456
14455	4,16001,80960	3,00436
14456	4,16004,81396	3,00414
14457	4,16007,81810	3,00394
14458	4,16010,82204	3,00373
14459	4,16013,82577	3,00353
14460	4,16016,82930	3,00331
14461	4,16019,83261	3,00311
14462	4,16022,83572	3,00290
14463	4,16025,83862	3,00269
14464	4,16028,84131	3,00249
14465	4,16031,84380	3,00228
14466	4,16034,84608	3,00207
14467	4,16037,84815	3,00186
14468	4,16040,85001	3,00165
14469	4,16043,85166	3,00145
14470	4,16046,85311	3,00124
14471	4,16049,85435	3,00104
14472	4,16052,85539	3,00082
14473	4,16055,85621	3,00062
14474	4,16058,85683	3,00041
14475	4,16061,85724	3,00020
14476	4,16064,85744	3,00000
14477	4,16067,85744	2,99979
14478	4,16070,85723	2,99958
14479	4,16073,85681	2,99938
14480	4,16076,85619	2,99916
14481	4,16079,85535	2,99896
14482	4,16082,85431	2,99876
14483	4,16085,85307	2,99854
14484	4,16088,85161	2,99834
14485	4,16091,84995	2,99813
14486	4,16094,84809	2,99792
14487	4,16097,84601	2,99772
14488	4,16100,84373	2,99751
14489	4,16103,84124	2,99731
14490	4,16106,83855	2,99710
14491	4,16109,83565	2,99689
14492	4,16112,83254	2,99668
14493	4,16115,82922	2,99648
14494	4,16118,82570	2,99627
14495	4,16121,82197	2,99606
14496	4,16124,81803	2,99586
14497	4,16127,81389	2,99565
14498	4,16130,80954	2,99545
14499	4,16133,80499	2,99523
14500	4,16136,80022	2,99503

Chilias 15.

Num.	Logarithmi	Differ.
14501	4,16139,79525	2,99483
14502	4,16142,79008	2,99462
14503	4,16145,78470	2,99441
14504	4,16148,77911	2,99420
14505	4,16151,77331	2,99400
14506	4,16154,76731	2,99379
14507	4,16157,76110	2,99359
14508	4,16160,75469	2,99338
14509	4,16163,74807	2,99317
14510	4,16166,74124	2,99297
14511	4,16169,73421	2,99276
14512	4,16172,72697	2,99256
14513	4,16175,71953	2,99234
14514	4,16178,71187	2,99215
14515	4,16181,70402	2,99193
14516	4,16184,69595	2,99173
14517	4,16187,68768	2,99153
14518	4,16190,67921	2,99131
14519	4,16193,67052	2,99112
14520	4,16196,66164	2,99090
14521	4,16199,65254	2,99070
14522	4,16202,64324	2,99050
14523	4,16205,63374	2,99028
14524	4,16208,62402	2,99009
14525	4,16211,61411	2,98987
14526	4,16214,60398	2,98967
14527	4,16217,54365	2,98947
14528	4,16220,58312	2,98926
14529	4,16223,57238	2,98905
14530	4,16226,56143	2,98885
14531	4,16229,55028	2,98864
14532	4,16232,53892	2,98844
14533	4,16235,52736	2,98823
14534	4,16238,51559	2,98802
14535	4,16241,50361	2,98782
14536	4,16244,49143	2,98761
14537	4,16247,47904	2,98741
14538	4,16250,46645	2,98720
14539	4,16253,45365	2,98700
14540	4,16256,44065	2,98679
14541	4,16259,42744	2,98659
14542	4,16262,41403	2,98638
14543	4,16265,40041	2,98618
14544	4,16268,38659	2,98597
14545	4,16271,37256	2,98576
14546	4,16274,35832	2,98556
14547	4,16277,34388	2,98536
14548	4,16280,32924	2,98515
14549	4,16283,31439	2,98494
14550	4,16286,29933	2,98474

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
14551	4,16289,28407	2,98454	14601	4,16438,26010	2,97431	14651	4,16586,72684	2,96416
14552	4,16292,26861	2,98432	14602	4,16441,23441	2,97411	14652	4,16589,69100	2,96396
14553	4,16295,25293	2,98413	14603	4,16444,20852	2,97391	14653	4,16592,65496	2,96376
14554	4,16298,23706	2,98392	14604	4,16447,18243	2,97370	14654	4,16595,61872	2,96356
14555	4,16301,22098	2,98371	14605	4,16450,15613	2,97350	14655	4,16598,58228	2,96335
14556	4,16304,20469	2,98351	14606	4,16453,12963	2,97330	14656	4,16601,54563	2,96316
14557	4,16307,18820	2,98330	14607	4,16456,10293	2,97309	14657	4,16604,50879	2,96296
14558	4,16310,17150	2,98310	14608	4,16459,07602	2,97289	14658	4,16607,47174	2,96274
14559	4,16313,15460	2,98290	14609	4,16462,04891	2,97268	14659	4,16610,43448	2,96255
14560	4,16316,13750	2,98269	14610	4,16465,02159	2,97249	14660	4,16613,39703	2,96234
14561	4,16319,12019	2,98248	14611	4,16467,99408	2,97227	14661	4,16616,35937	2,96215
14562	4,16322,10267	2,98228	14612	4,16470,96635	2,97208	14662	4,16619,32152	2,96194
14563	4,16325,08495	2,98208	14613	4,16473,93843	2,97187	14663	4,16622,28346	2,96174
14564	4,16328,06703	2,98187	14614	4,16476,91030	2,97167	14664	4,16625,24520	2,96153
14565	4,16331,04890	2,98166	14615	4,16479,88197	2,97146	14665	4,16628,20673	2,96134
14566	4,16334,03056	2,98146	14616	4,16482,85343	2,97127	14666	4,16631,16807	2,96113
14567	4,16337,01202	2,98126	14617	4,16485,82470	2,97105	14667	4,16634,12920	2,96093
14568	4,16339,99328	2,98105	14618	4,16488,79575	2,97086	14668	4,16637,09013	2,96073
14569	4,16342,97433	2,98085	14619	4,16491,76661	2,97065	14669	4,16640,05086	2,96052
14570	4,16345,95518	2,98064	14620	4,16494,73726	2,97045	14670	4,16643,01138	2,96033
14571	4,16348,93582	2,98044	14621	4,16497,70771	2,97025	14671	4,16645,97171	2,96012
14572	4,16351,91626	2,98023	14622	4,16500,67796	2,97004	14672	4,16648,93183	2,95992
14573	4,16354,89649	2,98003	14623	4,16503,64800	2,96984	14673	4,16651,89175	2,95972
14574	4,16357,87652	2,97982	14624	4,16506,61784	2,96964	14674	4,16654,85147	2,95952
14575	4,16360,85634	2,97962	14625	4,16509,58748	2,96943	14675	4,16657,81099	2,95932
14576	4,16363,83596	2,97942	14626	4,16512,55691	2,96923	14676	4,16660,77031	2,95911
14577	4,16366,81538	2,97921	14627	4,16515,52614	3,96903	14677	4,16663,72942	2,95892
14578	4,16369,79459	2,97901	14628	4,16518,49517	2,96882	14678	4,16666,68834	2,95871
14579	4,16372,77360	2,97880	14629	4,16521,46399	2,96862	14679	4,16669,64705	2,95851
14580	4,16375,75240	2,97860	14630	4,16524,43261	2,96842	14680	4,16672,60556	2,95831
14581	4,16378,73100	2,97839	14631	4,16527,40103	2,96822	14681	4,16675,56387	2,95810
14582	4,16381,70939	2,97819	14632	4,16530,36925	2,96801	14682	4,16678,52197	2,95791
14583	4,16384,68758	2,97798	14633	4,16533,33726	2,96781	14683	4,16681,47988	2,95770
14584	4,16387,66556	2,97779	14634	4,16536,30507	2,96761	14684	4,16684,43758	2,95751
14585	4,16390,64335	2,97757	14635	4,16539,27268	2,96740	14685	4,16687,39509	2,95730
14586	4,16393,62092	2,97738	14636	4,16542,24008	2,96720	14686	4,16690,35239	2,95710
14587	4,16396,59830	2,97716	14637	4,16545,20728	2,96700	14687	4,16693,30949	2,95690
14588	4,16399,57546	2,97697	14638	4,16548,17428	2,96680	14688	4,16696,26639	2,95669
14589	4,16402,55243	2,97676	14639	4,16551,14108	2,96659	14689	4,16699,22308	2,95650
14590	4,16405,52919	2,97656	14640	4,16554,10767	2,96639	14690	4,16702,17958	2,95629
14591	4,16408,50575	2,97635	14641	4,16557,07406	2,96619	14691	4,16705,13587	2,95610
14592	4,16411,48210	2,97615	14642	4,16560,04025	2,96599	14692	4,16708,09197	2,95589
14593	4,16414,45825	2,67594	14643	4,16563,00624	2,96578	14693	4,16711,04786	2,95569
14594	4,16417,43419	2,97574	14644	4,16565,97202	2,96558	14694	4,16714,00355	2,95549
14595	4,16420,40993	2,97554	14645	4,16568,93760	2,96538	14695	4,16716,95904	2,95529
14596	4,16423,38547	2,97533	14646	4,16571,90298	2,96518	14696	4,16719,91433	2,95509
14597	4,16426,36080	2,97513	14647	4,16574,86816	2,96497	14697	4,16722,86942	2,95488
14598	4,16429,33593	2,97493	14648	4,16577,83313	2,96477	14698	4,16725,82430	2,95469
14599	4,16432,31086	2,97472	14649	4,16580,79790	2,96457	14699	4,16728,77899	2,95448
14600	4,16435,28558	2,97452	14650	4,16583,76247	2,96437	14700	4,16731,73347	2,95429

Num.	Logarithmi	Differ.
14701	4,16734,68776	2,95408
14702	4,16737,64184	2,95388
14703	4,16740,59572	2,95368
14704	4,16743,54940	2,95348
14705	4,16746,50288	2,95328
14706	4,16749,45616	2,95308
14707	4,16752,40924	2,95288
14708	4,16755,36212	2,95268
14709	4,16758,31480	2,95247
14710	4,16761,26727	2,95228
14711	4,16764,21955	2,95207
14712	4,16767,17162	2,95188
14713	4,16770,12350	2,95167
14714	4,16773,07517	2,95147
14715	4,16776,02664	2,95128
14716	4,16778,97792	2,95107
14717	4,16781,92899	2,95087
14718	4,16784,87986	2,95067
14719	4,16787,83053	2,95047
14720	4,16790,78100	2,95027
14721	4,16793,73127	2,95007
14722	4,16796,68134	2,94987
14723	4,16799,63121	2,94967
14724	4,16802,58088	2,94947
14725	4,16805,53035	2,94926
14726	4,16808,47961	2,94907
14727	4,16811,42868	2,94887
14728	4,16814,37755	2,94867
14729	4,16817,32622	2,94846
14730	4,16820,27468	2,94827
14731	4,16823,22295	2,94807
14732	4,16826,17102	2,94787
14733	4,16829,11889	2,94766
14734	4,16832,06655	2,94747
14735	4,16835,01402	2,94727
14736	4,16837,96129	2,94706
14737	4,16840,90835	2,94687
14738	4,16843,85522	2,94667
14739	4,16846,80189	2,94646
14740	4,16849,74835	2,94627
14741	4,16852,69462	2,94607
14742	4,16855,64069	2,94586
14743	4,16858,58655	2,94567
14744	4,16861,53222	2,94547
14745	4,16864,47769	2,94527
14746	4,16867,42296	2,94506
14747	4,16870,36802	2,94487
14748	4,16873,31289	2,94467
14749	4,16876,25756	2,94447
14750	4,16879,20203	2,94427

Num.	Logarithmi	Differ.
14751	4,16882,14630	2,94407
14752	4,16885,09037	2,94387
14753	4,16888,03424	2,94367
14754	4,16890,97791	2,94347
14755	4,16893,92138	2,94328
14756	4,16896,86466	2,94307
14757	4,16899,80773	2,94287
14758	4,16902,75060	2,94267
14759	4,16905,69327	2,94248
14760	4,16908,63575	2,94227
14761	4,16911,57802	2,94208
14762	4,16914,52010	2,94188
14763	4,16917,49198	2,94167
14764	4,16920,40365	2,94148
14765	4,16923,34513	2,94128
14766	4,16926,28641	2,94108
14767	4,16929,22749	2,94088
14768	4,16932,16837	2,94068
14769	4,16935,10905	2,94048
14770	4,16938,04953	2,94028
14771	4,16940,98981	2,94009
14772	4,16943,92990	2,93988
14773	4,16946,86978	2,93969
14774	4,16949,80947	2,93949
14775	4,16952,74896	2,93928
14776	4,16955,68824	2,93909
14777	4,16958,62733	2,93889
14778	4,16961,56622	2,92869
14779	4,16964,50491	2,93850
14780	4,16967,44341	2,93829
14781	4,16970,38170	2,93809
14782	4,16973,31979	2,93790
14783	4,16976,25769	2,93770
14784	4,16979,19539	2,93750
14785	4,16982,13289	2,93730
14786	4,16985,01019	2,93710
14787	4,16988,00729	2,93690
14788	4,16990,94419	2,93670
14789	4,16993,88089	2,93651
14790	4,16996,81740	2,93631
14791	4,16999,75371	2,93611
14792	4,17002,68982	2,93591
14793	4,17005,62573	2,93571
14794	4,17008,56144	2,93551
14795	4,17011,49695	2,93531
14796	4,17014,43226	2,93512
14797	4,17017,36738	2,93492
14798	4,17020,30230	2,93472
14799	4,17023,23702	2,93452
14800	4,17026,17154	2,93432

Num.	Lagarithmi	Differ.
14801	4,17029,10586	2,93413
14802	4,17032,03999	2,93392
14803	4,17034,97391	2,93373
14804	4,17037,90764	2,93353
14805	4,17040,84117	2,93333
14806	4,17043,77450	2,93314
14807	4,17046,70764	2,93293
14808	4,17049,64057	2,93274
14809	4,17052,57331	2,93254
14810	4,17055,50585	2,93234
14811	4,17058,43819	2,93215
14812	4,17061,37034	2,93194
14813	4,17064,30228	2,93175
14814	4,17067,23403	2,93155
14815	4,17070,16558	2,93135
14816	4,17073,09693	2,93116
14817	4,17076,02809	2,93095
14818	4,17078,95904	2,93076
14819	4,17081,88980	2,93056
14820	4,17084,82036	2,93037
14821	4,17087,75073	2,93016
14822	4,17090,68089	2,92997
14823	4,17093,61086	2,92977
14824	4,17096,54063	2,92957
14825	4,17099,47020	2,92938
14826	4,17102,39958	2,92918
14827	4,17105,32876	2,92898
14828	4,17108,25774	2,92878
14829	4,17111,18652	2,92858
14830	4,17114,11510	2,92839
14831	4,17117,04349	2,92819
14832	4,17119,97168	2,92799
14833	4,17122,89967	2,92780
14834	4,17125,82747	2,92760
14835	4,17128,75507	2,92740
14836	4,17131,68247	2,92720
14837	4,17134,60967	2,92700
14838	4,17137,53667	2,92681
14839	4,17140,46348	2,92661
14840	4,17143,39009	2,92642
14841	4,17146,31651	2,92622
14842	4,17149,24273	2,92602
14843	4,17152,16875	2,92582
14844	4,17155,09457	2,92562
14845	4,17158,02019	2,92543
14846	4,17160,94562	2,92523
14847	4,17163,87085	2,92504
14848	4,17166,79589	2,92483
14849	4,17169,72072	2,92465
14850	4,17172,64537	2,92444

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
14851	4,17175,56981	2,92425	14901	4,17321,54147	2,91444	14951	4,17467,02415	2,90469
14852	4,17178,49406	2,92405	14902	4,17324,45591	2,91424	14952	4,17469,92884	2,90449
14853	4,17181,41811	2,92385	14903	4,17327,37015	2,91404	14953	4,17472,83333	2,90430
14854	4,17184,34196	2,92365	14904	4,17330,28419	2,91385	14954	4,17475,73763	2,90411
14855	4,17187,26561	2,92346	14905	4,17333,19804	2,91365	14955	4,17478,64174	2,90391
14856	4,17190,18907	2,92327	14906	4,17336,11169	2,91346	14956	4,17481,54565	2,90372
14857	4,17193,11234	2,92306	14907	4,17339,02515	2,91326	14957	4,17484,44937	2,90352
14858	4,17196,03540	2,92287	14908	4,17341,93841	2,91306	14958	4,17487,35289	2,90333
14859	4,17198,95827	2,92267	14909	4,17344,85147	2,91288	14959	4,17490,25622	2,90313
14860	4,17201,88094	2,92248	14910	4,17347,76435	2,91267	14960	4,17493,15935	2,90294
14861	4,17204,80342	2,92228	14911	4,17350,67702	2,91248	14961	4,17496,06229	2,90275
14862	4,17207,72570	2,92208	14912	4,17353,58950	2,91229	14962	4,17498,96504	2,90255
14863	4,17210,64778	2,92188	14913	4,17356,50179	2,91209	14963	4,17501,86759	2,90236
14864	4,17213,56966	2,92169	14914	4,17359,41388	2,91189	14964	4,17504,76995	2,90217
14865	4,17216,49135	2,92150	14915	4,17362,32577	2,91170	14965	4,17507,67212	2,90197
14866	4,17219,41285	2,92129	14916	4,17365,23747	2,91150	14966	4,17510,57409	2,90178
14867	4,17222,33414	2,92110	14917	4,17368,14897	2,91131	14967	4,17513,47587	2,90158
14868	4,17225,25524	2,92091	14918	4,17371,06028	2,91112	14968	4,17516,37745	2,90139
14869	4,17228,17615	2,92070	14919	4,17373,97140	2,91091	14969	4,17519,27884	2,90119
14870	4,17231,09685	2,92051	14920	4,17376,88231	2,91073	14970	4,17522,18003	2,90101
14871	4,17234,01736	2,92032	14921	4,17379,79304	2,91053	14971	4,17525,08104	2,90080
14872	4,17236,93768	2,92011	14922	4,17382,70357	2,91033	14972	4,17527,98184	2,90062
14873	4,17239,85779	2,91993	14923	4,17385,61390	2,91014	14973	4,17530,88246	2,90042
14874	4,17242,77772	2,91972	14924	4,17388,52404	2,90994	14974	4,17533,78288	2,90023
14875	4,17245,69744	2,91953	14925	4,17391,43398	2,90975	14975	4,17536,68311	2,90003
14876	4,17248,61697	2,91933	14926	4,17394,34373	2,90955	14976	4,17539,58314	2,89984
14877	4,17251,53630	2,91914	14927	4,17397,25328	2,90936	14977	4,17542,48298	2,89965
14878	4,17254,45544	2,91894	14928	4,17400,16264	2,90916	14978	4,17545,38263	2,89945
14879	4,17257,37438	2,91874	14929	4,17403,07180	2,90897	14979	4,17548,28208	2,89926
14880	4,17260,29312	2,91855	14930	4,17405,98077	2,90878	14980	4,17551,18134	2,89906
14881	4,17263,21167	2,91835	14931	4,17408,88955	2,90858	14981	4,17554,08040	2,89887
14882	4,17266,13002	2,91816	14932	4,17411,79813	2,90838	14982	4,17556,97927	2,89868
14883	4,17269,04818	2,91795	14933	4,17414,70651	2,90819	14983	4,17559,87795	2,89849
14884	4,17271,96613	2,91777	14934	4,17417,61470	2,90799	14984	4,17562,77644	2,89829
14885	4,17274,88390	2,91757	14935	4,17420,52269	2,90780	14985	4,17565,67473	2,89810
14886	4,17277,80147	2,91737	14936	4,17423,43049	2,90761	14986	4,17568,57283	2,89790
14887	4,17280,71884	2,91717	14937	4,17426,33810	2,90741	14987	4,17571,47073	2,89771
14888	4,17283,63601	2,91698	14938	4,17429,24551	2,90722	14988	4,17574,36844	2,89752
14889	4,17286,55299	2,91679	14939	4,17432,15273	2,90702	14989	4,17577,26596	2,89732
14890	4,17289,46978	2,91658	14940	4,17435,05975	2,90682	14990	4,17580,16328	2,89714
14891	4,17292,38636	2,91639	14941	4,17437,96657	2,90664	14991	4,17583,06042	2,89693
14892	4,17295,30275	2,91620	14942	4,17440,87321	2,90644	14992	4,17585,95735	2,89675
14893	4,17298,21895	2,91600	14943	4,17443,77965	2,90624	14993	4,17588,85410	2,89655
14894	4,17301,13495	2,91581	14944	4,17446,68589	2,90605	14994	4,17591,75065	2,89636
14895	4,17304,05076	2,91560	14945	4,17449,59194	2,90585	14995	4,17594,64701	2,89616
14896	4,17306,96636	2,91542	14946	4,17452,49779	2,90566	14996	4,17597,54317	2,89598
14897	4,17309,88178	2,91521	14947	4,17455,40345	2,90547	14997	4,17600,43915	2,89578
14898	4,17312,79699	2,91503	14948	4,17458,30892	2,90527	14998	4,17603,33493	2,89558
14899	4,17315,71202	2,91482	14949	4,17461,21419	2,90508	14999	4,17606,23051	2,89540
14900	4,17318,62684	2,91463	14950	4,17464,11927	2,90488	15000	4,17609,12591	2,89520

Num.	Logarithmi	Differ.
15001	4,17612,02111	2,89500
15002	4,17614,91611	2,89482
15003	4,17617,81093	2,89462
15004	4,17620,70555	2,89443
15005	4,17623,59998	2,89423
15006	4,17626,49421	2,89404
15007	4,17629,38825	2,89385
15008	4,17632,28210	2,89366
15009	4,17635,17576	2,89346
15010	4,17638,06922	2,89328
15011	4,17640,96250	2,89307
15012	4,17643,85557	2,89289
15013	4,17646,74846	2,89269
15014	4,17649,64115	2,89250
15015	4,17652,53365	2,89231
15016	4,17655,42596	2,89212
15017	4,17658,31808	2,89192
15018	4,17661,21000	2,89173
15019	4,17664,10173	2,89154
15020	4,17666,99327	2,89134
15021	4,17669,88461	2,89115
15022	4,17672,77576	2,89096
15023	4,17675,66672	2,89077
15024	4,17678,55749	2,89058
15025	4,17681,44807	2,89038
15026	4,17684,33845	2,89019
15027	4,17687,22864	2,89000
15028	4,17690,11864	2,88981
15029	4,17693,00845	2,88961
15030	4,17695,89806	2,88942
15031	4,17698,78748	2,88923
15032	4,17701,67671	2,88904
15033	4,17704,56575	2,88884
15034	4,17707,45459	2,88865
15035	4,17710,34324	2,88846
15036	4,17713,23170	2,88827
15037	4,17716,11997	2,88808
15038	4,17719,00805	2,88788
15039	4,17721,89593	2,88770
15040	4,17724,78363	2,88750
15041	4,17727,67113	2,88730
15042	4,17730,55843	2,88712
15043	4,17733,44555	2,88693
15044	4,17736,33248	2,88673
15045	4,17739,21921	2,88654
15046	4,17742,10575	2,88635
15047	4,17744,99210	2,88615
15048	4,17747,87825	2,88597
15049	4,17750,76422	2,88577
15050	4,17753,64999	2,88558

Num.	Logarithmi	Differ.
15051	4,17756,53557	2,88539
15052	4,17759,42096	2,88520
15053	4,17762,30616	2,88501
15054	4,17765,19117	2,88481
15055	4,17768,07598	2,88463
15056	4,17770,96061	2,88443
15057	4,17773,84504	2,88424
15058	4,17776,72928	2,88405
15059	4,17779,61333	2,88386
15060	4,17782,49719	2,88366
15061	4,17785,38085	2,88348
15062	4,17788,26433	2,88328
15063	4,17791,14761	2,88309
15064	4,17794,03070	2,88290
15065	4,17796,91360	2,88271
15066	4,17799,79631	2,88252
15067	4,17802,67883	2,88232
15068	4,17805,56115	2,88214
15069	4,17808,44329	2,88194
15070	4,17811,32523	2,88175
15071	4,17814,20698	2,88156
15072	4,17817,08854	2,88137
15073	4,17819,96991	2,88118
15074	4,17822,85109	2,88099
15075	4,17825,73208	2,88080
15076	4,17828,61288	2,88060
15077	4,17831,49348	2,88042
15078	4,17834,37390	2,88022
15079	4,17837,25412	2,88003
15080	4,17840,13415	2,87984
15081	4,17843,01399	2,87966
15082	4,17845,89365	2,87945
15083	4,17848,77310	2,87927
15084	4,17851,65237	2,87908
15085	4,17854,53145	2,87889
15086	4,17857,41034	2,87869
15087	4,17860,28903	2,87851
15088	4,17863,16754	2,87831
15089	4,17866,04585	2,87813
15090	4,17868,92398	2,87793
15091	4,17871,80191	2,87774
15092	4,17874,67965	2,87755
15093	4,17877,55720	2,87737
15094	4,17880,43457	2,87717
15095	4,17883,31174	2,87698
15096	4,17886,18872	2,87678
15097	4,17889,06550	2,87660
15098	4,17891,94210	2,87641
15099	4,17894,81851	2,87622
15100	4,17897,69473	2,87603

Num.	Logarithmi	Differ.
15101	4,17900,57076	2,87583
15102	4,17903,44659	2,87565
15103	4,17906,32224	2,87546
15104	4,17909,19770	2,87526
15105	4,17912,07296	2,87508
15106	4,17914,94804	2,87488
15107	4,17917,82292	2,87470
15108	4,17920,69762	2,87450
15109	4,17923,57212	2,87431
15110	4,17926,44643	2,87413
15111	4,17929,32056	2,87393
15112	4,17932,19449	2,87374
15113	4,17935,06823	2,87356
15114	4,17937,94179	2,87336
15115	4,17940,81515	2,87317
15116	4,17943,68832	2,87299
15117	4,17946,56131	2,87279
15118	4,17949,43410	2,87260
15119	4,17952,30670	2,87242
15120	4,17955,17912	2,87222
15121	4,17958,05134	2,87203
15122	4,17960,92337	2,87185
15123	4,17963,79522	2,87165
15124	4,17966,66687	2,87146
15125	4,17969,53833	2,87128
15126	4,17972,40961	2,87108
15127	4,17975,28069	2,87089
15128	4,17978,15158	2,87071
15129	4,17981,02229	2,87051
15130	4,17983,89280	2,87033
15131	4,17986,76313	2,87013
15132	4,17989,63326	2,86995
15133	4,17992,50321	2,86975
15134	4,17995,37296	2,86957
15135	4,17998,24253	2,86938
15136	4,18001,11191	2,86918
15137	4,18003,98109	2,86900
15138	4,18006,85009	2,86881
15139	4,18009,71890	2,86862
15140	4,18012,58752	2,86843
15141	4,18015,45595	2,86823
15142	4,18018,32418	2,86805
15143	4,18021,19223	2,86787
15144	4,18024,06010	2,86767
15145	4,18026,92777	2,86748
15146	4,18029,79525	2,86729
15147	4,18032,66254	2,86710
15148	4,18035,52964	2,86692
15149	4,18038,39656	2,86672
15150	4,18041,26328	2,86654

Num.	Logarithmi	Differ.
15151	4,18044,12982	2,86635
15152	4,18046,99617	2,86615
15153	4,18049,86232	2,86597
15154	4,18052,72829	2,86578
15155	4,18055,59407	2,86559
15156	4,18058,45966	2,86540
15157	4,18061,32506	2,86521
15158	4,18064,19027	2,86503
15159	4,18067,05530	2,86483
15160	4,18069,92013	2,86464
15161	4,18072,78477	2,86446
15162	4,18075,64923	2,86427
15163	4,18078,51350	2,86408
15164	4,18081,37758	2,86388
15165	4,18084,24146	2,86371
15166	4,18087,10517	2,86351
15167	4,18089,96868	2,86332
15168	4,18092,83200	2,86313
15169	4,18095,69513	2,86295
15170	4,18098,55808	2,86276
15171	4,18101,42084	2,86256
15172	4,18104,28340	2,86238
15173	4,18107,14578	2,86219
15174	4,18110,00797	2,86200
15175	4,18112,86997	2,86182
15176	4,18115,73179	2,86162
15177	4,18118,59341	2,86144
15178	4,18121,45485	2,86125
15179	4,18124,31610	2,86106
15180	4,18127,17716	2,86087
15181	4,18130,03803	2,86068
15182	4,18132,89871	2,86049
15183	4,18135,75920	2,86031
15184	4,18138,61951	2,86012
15185	4,18141,47963	2,85992
15186	4,18144,33955	2,85974
15187	4,18147,19929	2,85956
15188	4,18150,05885	2,85936
15189	4,18152,91821	2,85918
15190	4,18155,77739	2,85898
15191	4,18158,63637	2,85880
15192	4,18161,49517	2,85861
15193	4,18164,35378	2,85843
15194	4,18167,21221	2,85823
15195	4,18170,07044	2,85805
15196	4,18172,92849	2,85786
15197	4,18175,78635	2,85767
15198	4,18178,64402	2,85748
15199	4,18181,50150	2,85729
15200	4,18184,35879	2,85711

Num.	Logarithmi	Differ.
15201	4,18187,21590	2,85692
15202	4,18190,07282	2,85673
15203	4,18192,92955	2,85654
15204	4,18195,78609	2,85636
15205	4,18198,64245	2,85617
15206	4,18201,49862	2,85597
15207	4,18204,35459	2,85580
15208	4,18207,21039	2,85560
15209	4,18210,06599	2,85542
15210	4,18212,92141	2,85522
15211	4,18215,77663	2,85504
15212	4,18218,63167	2,85486
15213	4,18221,48653	2,85466
15214	4,18224,34119	2,85448
15215	4,18227,19567	2,85429
15216	4,18230,04996	2,85410
15217	4,18232,90406	2,85392
15218	4,18235,75798	2,85372
15219	4,18238,61170	2,85354
15220	4,18241,46524	2,85336
15221	4,18244,31860	2,85316
15222	4,18247,17176	2,85298
15223	4,18250,02474	2,85279
15224	4,18252,87753	2,85260
15225	4,18255,73013	2,85242
15226	4,18258,58255	2,85222
15227	4,18261,43477	2,85204
15228	4,18264,28681	2,85186
15229	4,18267,13867	2.85166
15230	4,18269,99033	2,85148
15231	4,18272,84181	2,85129
15232	4,18275,69310	2,85111
15233	4,18278,54421	2,85092
15234	4,18281,39513	2,85073
15235	4,18284,24586	2,85054
15236	4,18287,09640	2,85035
15237	4,18289,94675	2,85017
15238	4,18292,79692	2,84999
15239	4,18295,64691	2,84979
15240	4,18298,49670	2,84961
15241	4,18301,34631	2,84942
15242	4,18304,19573	2,84923
15243	4,18307,04496	2,84905
15244	4,18309,89401	2,84886
15245	4,18312,74287	2,84867
15246	4,18315,59154	2,84849
15247	4,18318,44003	2,84830
15248	4,18321,28833	2,84811
15249	4,18324,13644	2,84793
15250	4,18326,98437	2,84774

Num.	Logarithmi	Differ.
15251	4,18329,83211	2,84755
15252	4,18332,67966	2,84737
15253	4,18335,52703	2,84718
15254	4,18338,37421	2,84699
15255	4,18341,22120	2,84680
15256	4,18344,06800	2,84662
15257	4,18346,91462	2,84644
15258	4,18349,76106	2,84624
15259	4,18352,60730	2,84606
15260	4,18355,45336	2,84588
15261	4,18358,29924	2,84568
15262	4,18361,14492	2,84550
15263	4,18363,99042	2,84532
15264	4,18366,83574	2,84512
15265	4,18369,68086	2,84494
15266	4,18372,52580	2,84476
15267	4,18375,37056	2,84457
15268	4,18378,21513	2,84438
15269	4,18381,05951	2,84420
15270	4,18383,90371	2,84401
15271	4,18386,74772	2,84382
15272	4,18389,59154	2,84364
15273	4,18392,43518	2,84345
15274	4,18395,27863	2,84326
15275	4,18398,12189	2,84308
15276	4,18400,96497	2,84289
15277	4,18403,80786	2,84271
15278	4,18406,65057	2,84252
15279	4,18409,49309	2,84233
15280	4,18412,33542	2,84215
15281	4,18415,17757	2,84196
15282	4,18418,01953	2,84178
15283	4,18420,86131	2,84159
15284	4,18423,70290	2,84141
15285	4,18426,54431	2,84121
15286	4,18429,38552	2,84104
15287	4,18432,22656	2,84084
15288	4,18435,06740	2,84087
15289	4,18437,90807	2,84047
15290	4,18440,74854	2,84029
15291	4,18443,58883	2,84010
15292	4,18446,42893	2,83992
15293	4,18449,26885	2,83974
15294	4,18452,10859	2,83954
15295	4,18454,94813	2,83936
15296	4,18457,78749	2,83918
15297	4,18460,62667	2,83899
15298	4,18463,46566	2,83880
15299	4,18466,30446	2,83862
15300	4,18469,14308	2,83844

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Num.	Logarithmi	Differ.
15301	4,18471,98152	2,83824
15302	4,18474,81976	2,83807
15303	4,18477,65783	2,83787
15304	4,18480,49570	2,83769
15305	4,18483,33339	2,83751
15306	4,18486,17080	2,83731
15307	4,18489,00822	2,83714
15308	4,18491,84536	2,83695
15309	4,18494,68231	2,83676
15310	4,18497,51907	2,83658
15311	4,18500,35565	2,83639
15312	4,18503,19204	2,83621
15313	4,18506,02825	2,83603
15314	4,18508,86428	2,83583
15315	4,18511,70011	2,83566
15316	4,18514,53577	2,83547
15317	4,18517,37124	2,83528
15318	4,18520,20652	2,83510
15319	4,18523,04162	2,83491
15320	4,18525,87653	2,83473
15321	4,18528,71126	2,83454
15322	4,18531,54580	2,83436
15323	4,18534,38016	2,83417
15324	4,18537,21433	2,83399
15325	4,18540,04832	2,83380
15326	4,18542,88212	2,83362
15327	4,18545,71574	2,83343
15328	4,18548,54917	2,83325
15329	4,18551,38242	2,83307
15330	4,18554,21549	2,83287
15331	4,18557,04836	2,83270
15332	4,18559,88106	2,83251
15333	4,18562,71357	2,83232
15334	4,18565,54589	2,83214
15335	4,18568,37803	2,83196
15336	4,18571,20999	2,83177
15337	4,18574,04176	2,83158
15338	4,18576,87334	2,83140
15339	4,18579,70474	2,83122
15340	4,18582,53596	2,83103
15341	4,18585,36699	2,83085
15342	4,18588,19784	2,83066
15343	4,18591,02850	2,83048
15344	4,18593,85898	2,83030
15345	4,18596,68928	2,83011
15346	4,18599,51939	2,82992
15347	4,18602,34931	2,82974
15348	4,18605,17905	2,82956
15349	4,18608,00861	2,82937
15350	4,18610,83798	2,82919

Num.	Logarithmi	Differ.
15351	4,18613,66717	2,82900
15352	4,18616,49617	2,82882
15353	4,18619,32499	2,82864
15354	4,18622,15363	2,82845
15355	4,18624,98208	2,82826
15356	4,18627,81034	2,82809
15357	4,18630,63843	2,82790
15358	4,18633,46633	2,82771
15359	4,18636,29404	2,82753
15360	4,18639,12157	2,82735
15361	4,18641,94892	2,82716
15362	4,18644,77608	2,82698
15363	4,18647,60306	2,82679
15364	4,18650,42985	2,82661
15365	4,18653,25646	2,82643
15366	4,18656,08289	2,82624
15367	4,18658,90913	2,82606
15368	4,18661,73519	2,82587
15369	4,18664,56106	2,82569
15370	4,18667,38675	2,82551
15371	4,18670,21226	2,82532
15372	4,18673,03758	2,82514
15373	4,18675,86272	2,82495
15374	4,18678,68767	2,82477
15375	4,18681,51244	2,82459
15376	4,18684,33703	2,82441
15377	4,18687,16144	2,82422
15378	4,18689,98566	2,82403
15379	4,18692,80969	2,82386
15380	4,18695,63355	2,82367
15381	4,18698,45722	2,82348
15382	4,18701,28070	2,82330
15383	4,18704,10400	2,82312
15384	4,18706,92712	2,82294
15385	4,18709,75006	2,82275
15386	4,18712,57281	2,82257
15387	4,18715,39538	2,82238
15388	4,18718,21776	2,82221
15389	4,18721,03997	2,82201
15390	4,18723,86198	2,82184
15391	4,18726,68382	2,82165
15392	4,18729,50547	2,82147
15393	4,18732,32694	2,82128
15394	4,18735,14822	2,82110
15395	4,18737,96932	2,82092
15396	4,18740,79024	2,82074
15397	4,18743,61098	2,82055
15398	4,18746,43153	2,82037
15399	4,18749,25190	2,82018
15400	4,18752,07208	2,82001

Num.	Logarithmi	Differ.
15401	4,18754,89209	2,81982
15402	4,18757,71191	2,81963
15403	4,18760,53154	2,81946
15404	4,18763,35100	2,81927
15405	4,18766,17027	2,81908
15406	4,18768,98935	2,81891
15407	4,18771,80826	2,81872
15408	4,18774,62698	2,81854
15409	4,18777,44552	2,81835
15410	4,18780,26387	2,81817
15411	4,18783,08204	2,81799
15412	4,18785,90003	2,81781
15413	4,18788,71784	2,81762
15414	4,18791,53546	2,81745
15415	4,18794,35291	2,81725
15416	4,18797,17016	2,81708
15417	4,18799,98724	2,81689
15418	4,18802,80413	2,81671
15419	4,18805,62084	2,81653
15420	4,18808,43737	2,81635
15421	4,18811,25372	2,81616
15422	4,18814,06988	2,81598
15423	4,18816,88586	2,81580
15424	4,18819,70166	2,81561
15425	4,18822,51727	2,81543
15426	4,18825,33270	2,81525
15427	4,18828,14795	2,81507
15428	4,18830,96302	2,81488
15429	4,18833,77790	2,81471
15430	4,18836,59261	2,81452
15431	4,18839,40713	2,81433
15432	4,18842,22146	2,81416
15433	4,18845,03562	2,81397
15434	4,18847,84959	2,81379
15435	4,18850,66338	2,81361
15436	4,18853,47699	2,81343
15437	4,18856,29042	2,81324
15438	4,18859,10366	2,81306
15439	4,18861,91672	2,81288
15440	4,18864,72960	2,81270
15441	4,18867,54230	2,81251
15442	4,18870,35481	2,81233
15443	4,18873,16714	2,81216
15444	4,18875,97930	2,81196
15445	4,18878,79126	2,81179
15446	4,18881,60305	2,81160
15447	4,18884,41465	2,81143
15448	4,18887,22608	2,81124
15449	4,18890,03732	2,81106
15450	4,18892,84838	2,81087

Num.	Logarithmi	Differ.
15451	4,18895,65925	2,81070
15452	4,18898,46995	2,81051
15453	4,18901,28046	2,81033
15454	4,18904,09079	2,81015
15455	4,18906,90094	2,80997
15456	4,18909,71091	2,80978
15457	4,18912,52069	2,80961
15458	4,18915,33030	2,80942
15459	4,18918,13972	2,80924
15460	4,18920,94896	2,80906
15461	4,18923,75802	2,80887
15462	4,18926,56689	2,80870
15463	4,18929,37559	2,80851
15464	4,18932,18410	2,80833
15465	4,18934,99243	2,80815
15466	4,18937,80058	2,80797
15467	4,18940,60855	2,80779
15468	4,18943,41634	2,80761
15469	4,18946,22395	2,80742
15470	4,18949,03137	2,80724
15471	4,18951,83861	2,80706
15472	4,18954,64567	2,80688
15473	4,18957,45255	2,80670
15474	4,18960,25925	2,80652
15475	4,18963,06577	2,80633
15476	4,18965,87210	2,80616
15477	4,18968,67826	2,80597
15478	4,18971,48423	2,80579
15479	4,18974,29002	2,80561
15480	4,18977,09563	2,80543
15481	4,18979,90106	2,80525
15482	4,18982,70631	2,80507
15483	4,18985,51138	2,80488
15484	4,18988,31626	2,80471
15485	4,18991,12097	2,80452
15486	4,18993,92549	2,80435
15487	4,18996,72984	2,80416
15488	4,18999,53400	2,80398
15489	4,19002,33798	2,80380
15490	4,19005,14178	2,80361
15491	4,19007,94539	2,80344
15492	4,19010,74883	2,80326
15493	4,19013,55209	2,80307
15494	4,19016,35516	2,80290
15495	4,19019,15806	2,80271
15496	4,19021,96077	2,80253
15497	4,19024,76330	2,80236
15498	4,19027,56566	2,80217
15499	4,19030,36783	2,80199
15500	4,19033,16982	2,80181

Num.	Logarithmi	Differ.
15501	4,19035,97163	2,80163
15502	4,19038,77326	2,80144
15503	4,19041,57470	2,80127
15504	4,19044,37597	2,80109
15505	4,19047,17706	2,80090
15506	4,19049,97796	2,80073
15507	4,19052,77869	2,80054
15508	4,19055,57923	2,80037
15509	4,19058,37960	2,80018
15510	4,19061,17978	2,80000
15511	4,19063,97978	2,79983
15512	4,19066,77961	2,79964
15513	4,19069,57925	2,79946
15514	4,19072,37871	2,79928
15515	4,19075,17799	2,79910
15516	4,19077,97709	2,79892
15517	4,19080,77601	2,79874
15518	4,19083,57475	2,79856
15519	4,19086,37331	2,79838
15520	4,19089,17169	2,79820
15521	4,19091,96989	2,79802
15522	4,19094,76791	2,79784
15523	4,19097,56575	2,79766
15524	4,19100,36341	2,79747
15525	4,19103,16088	2,79730
15526	4,19105,95818	2,79712
15527	4,19108,75530	2,79694
15528	4,19111,55224	2,79676
15529	4,19114,34900	2,79657
15530	4,19117,14557	2,79640
15531	4,19119,94197	2,79622
15532	4,19122,73819	2,79603
15533	4,19125,53422	2,79586
15534	4,19128,33008	2,79568
15535	4,19131,12576	2,79550
15536	4,19133,92126	2,79531
15537	4,19136,71657	2,79514
15538	4,19139,51171	2,79496
15539	4,19142,30667	2,79478
15540	4,19145,10145	2,79459
15541	4,19147,89604	2,79442
15542	4,19150,69046	2,79424
15543	4,19153,48470	2,79406
15544	4,19156,27876	2,79388
15545	4,19159,07264	2,79370
15546	4,19161,86634	2,79352
15547	4,19164,65986	2,79334
15548	4,19167,45320	2,79316
15549	4,19170,24636	2,79298
15550	4,19173,03934	2,79280

Num.	Logarithmi	Differ.
15551	4,19175,83214	2,79262
15552	4,19178,62476	2,79244
15553	4,19181,41720	2,79226
15554	4,19184,20946	2,79208
15555	4,19187,00154	2,79191
15556	4,19189,79345	2,79172
15557	4,19192,58517	2,79155
15558	4,19195,37672	2,79136
15559	4,19198,16808	2,79119
15560	4,19200,95927	2,79100
15561	4,19203,75027	2,79083
15562	4,19206,54110	2,79065
15563	4,19209,33175	2,79046
15564	4,19212,12221	2,79029
15565	4,19214,91250	2,79011
15566	4,19217,70261	2,78993
15567	4,19220,49254	2,78975
15568	4,19223,28229	2,78957
15569	4,19226,07186	2,78940
15570	4,19228,86126	2,78921
15571	4,19231,65047	2,78903
15572	4,19234,43950	2,78886
15573	4,19237,22836	2,78868
15574	4,19240,01704	2,78849
15575	4,19242,80553	2,78832
15576	4,19245,59385	2,78814
15577	4,19248,38199	2,78796
15578	4,19251,16995	2,78778
15579	4,19253,95773	2,78760
15580	4,19256,74533	2,78743
15581	4,19259,53276	2,78724
15582	4,19262,32000	2,78707
15583	4,19265,10707	2,78688
15584	4,19267,89395	2,78671
15585	4,19270,68066	2,78653
15586	4,19273,46719	2,78635
15587	4,19276,25354	2,78617
15588	4,19279,03971	2,78599
15589	4,19281,82570	2,78582
15590	4,19284,61152	2,78563
15591	4,19287,39715	2,78546
15592	4,19290,18261	2,78528
15593	4,19292,96789	2,78510
15594	4,19295,75299	2,78492
15595	4,19298,53791	2,78474
15596	4,19301,32265	2,78457
15597	4,19304,10722	2,78438
15598	4,19306,89160	2,78421
15599	4,19309,67581	2,78403
15600	4,19312,45984	2,78385

Num.	Logarithmi	Differ.
15601	4,19315,24369	2,78367
15602	4,19318,02736	2,78349
15603	4,19320,81085	2,78331
15604	4,19323,59416	2,78314
15605	4,19326,37730	2,78296
15606	4,19329,16026	2,78278
15607	4,19331,94304	2,78260
15608	4,19334,72564	2,78242
15609	4,19337,50806	2,78225
15610	4,19340,29031	2,78206
15611	4,19343,07237	2,78189
15612	4,19345,85426	2,78171
15613	4,19348,63597	2,78153
15614	4,19351,41750	2,78136
15615	4,19354,19886	2,78117
15616	4,19356,98003	2,78100
15617	4,19359,76103	2,78082
15618	4,19362,54185	2,78064
15619	4,19365,32249	2,78047
15620	4,19368,10296	2,78028
15621	4,19370,88324	2,78011
15622	4,19373,66335	2,77993
15623	4,19376,44328	2,77975
15624	4,19379,22303	2,77957
15625	4,19382,00260	2,77940
15626	4,19384,78200	2,77922
15627	4,19387,56122	2,77904
15628	4,19390,34026	2,77886
15629	4,19393,11912	2,77868
15630	4,19395,89780	2,77851
15631	4,19398,67631	2,77833
15632	4,19401,45464	2,77815
15633	4,19404,23279	2,77797
15634	4,19407,01076	2,77780
15635	4,19409,78856	2,77762
15636	4,19412,56618	2,77744
15637	4,19415,34362	2,77726
15638	4,19418,12088	2,77708
15639	4,19420,89796	2,77691
15640	4,19423,67487	2,77673
15641	4,19426,45160	2,77656
15642	4,19429,22816	2,77637
15643	4,19432,00453	2,77620
15644	4,19434,78073	2,77602
15645	4,19437,55675	2,77584
15646	4,19440,33259	2,77567
15647	4,19443,10826	2,77548
15648	4,19445,88374	2,77531
15649	4,19448,65905	2,77514
15650	4,19451,43419	2,77495

Chilias 16.

Num.	Logarithmi	Differ.
15651	4,19454,20914	2,77478
15652	4,19456,98392	2,77460
15653	4,19459,75852	2,77443
15654	4,19462,53295	2,77425
15655	4,19465,30720	2,77406
15656	4,19468,08126	2,77390
15657	4,19470,85516	2,77371
15658	4,19473,62887	2,77354
15659	4,19476,40241	2,77336
15660	4,19479,17577	2,77319
15661	4,19481,94896	2,77300
15662	4,19484,72196	2,77283
15663	4,19487,49479	2,77266
15664	4,19490,26745	2,77247
15665	4,19493,03992	2,77230
15666	4,19495,81222	2,77212
15667	4,19498,58434	2,77195
15668	4,19501,35629	2,77177
15669	4,19504,12806	2,77159
15670	4,19506,89965	2,77141
15671	4,19509,67106	2,77124
15672	4,19512,44230	2,77106
15673	4,19515,21336	2,77088
15674	4,19517,98424	2,77071
15675	4,19520,75495	2,77053
15676	4,19523,52548	2,77035
15677	4,19526,29583	2,77018
15678	4,19529,06601	2,77000
15679	4,19531,83601	2,76982
15680	4,19534,60583	2,76965
15681	4,19537,37548	2,76947
15682	4,19540,14495	2,76930
15683	4,19542,91425	2,76911
15684	4,19545,68336	2,76894
15685	4,19548,45230	2,76877
15686	4,19551,22107	2,76858
15687	4,19553,98965	2,76842
15688	4,19556,75807	2,76823
15689	4,19559,52630	2,76806
15690	4,19562,29436	2,76788
15691	4,19565,06224	2,76771
15692	4,19567,82995	2,76752
15693	4,19570,59747	2,76736
15694	4,19573,36483	2,76717
15695	4,19576,13200	2,76700
15696	4,19578,89900	2,76683
15697	4,19581,66583	2,76664
15698	4,19584,43247	2,76648
15699	4,19587,19895	2,76629
15700	4,19589,96524	2,76612

Chilias 16.

Num.	Logarithmi	Differ.
15701	4,19592,73136	2,76594
15702	4,19595,49730	2,76577
15703	4,19598,26307	2,76559
15704	4,19601,02866	2,76541
15705	4,19603,79407	2,76524
15706	4,19606,55931	2,76506
15707	4,19609,32437	2,76489
15708	4,19612,08926	2,76471
15709	4,19614,85397	2,76453
15710	4,19617,61850	2,76436
15711	4,19620,38286	2,76418
15712	4,19623,14704	2,76401
15713	4,19625,91105	2,76383
15714	4,19628,67488	2,76366
15715	4,19631,43854	2,76347
15716	4,19634,20201	2,76331
15717	4,19636,96532	2,76312
15718	4,19639,72844	2,76295
15719	4,19642,49139	2,76278
15720	4,19645,25417	2,76260
15721	4,19648,01677	2,76242
15722	4,19650,77919	2,76225
15723	4,19653,54144	2,76207
15724	4,19656,30351	2,76190
15725	4,19659,06541	2,76172
15726	4,19661,82713	2,76155
15727	4,19664,58868	2,76137
15728	4,19667,35005	2,76119
15729	4,19670,11124	2,76102
15730	4,19672,87226	2,76085
15731	4,19675,63311	2,76066
15732	4,19678,39377	2,76050
15733	4,19681,15427	2,76031
15734	4,19683,91458	2,76014
15735	4,19686,67472	2,75997
15736	4,19689,43469	2,75979
15737	4,19692,19448	2,75962
15738	4,19694,95410	2,75944
15739	4,19697,71354	2,75926
15740	4,19700,47280	2,75909
15741	4,19703,23189	2,75892
15742	4,19705,99081	2,75873
15743	4,19708,74954	2,75857
15744	4,19711,50811	2,75839
15745	4,19714,26650	2,75821
15746	4,19717,02471	2,75804
15747	4,19719,78275	2,75786
15748	4,19722,54061	2,75769
15749	4,19725,29830	2,75751
15750	4,19728,05581	2,75734

Num.	Logarithmi	Differ.
15751	4,19730,81315	2,75716
15752	4,19733,57031	2,75699
15753	4,19736,32730	2,75681
15754	4,19739,08411	2,75664
15755	4,19741,84075	2,75646
15756	4,19744,59721	2,75629
15757	4,19747,35350	2,75611
15758	4,19750,10961	2,75594
15759	4,19752,86555	2,75577
15760	4,19755,62132	2,75558
15761	4,19758,37690	2,75542
15762	4,19761,13232	2,75524
15763	4,19763,88756	2,75506
15764	4,19766,64262	2,75489
15765	4,19769,39751	2,75471
15766	4,19772,15222	2,75454
15767	4,19774,90676	2,75437
15768	4,19777,66113	2,75419
15769	4,19780,41532	2,75401
15770	4,19783,16933	2,75384
15771	4,19785,92317	2,75367
15772	4,19788,67684	2,75349
15773	4,19791,43033	2,75332
15774	4,19794,18365	2,75314
15775	4,19796,93679	2,75297
15776	4,19799,68976	2,75279
15777	4,19802,44255	2,75262
15778	4,19805,19517	2,75245
15779	4,19807,94762	2,75227
15780	4,19810,69989	2,75209
15781	4,19813,45198	2,75192
15782	4,19816,20390	2,75175
15783	4,19818,95565	2,75157
15784	4,19821,70722	2,75140
15785	4,19824,45862	2,75123
15786	4,19827,20985	2,75105
15787	4,19829,96090	2,75087
15788	4,19832,71177	2,75070
15789	4,19835,46247	2,75053
15790	4,19838,21300	2,75035
15791	4,19840,96335	2,75018
15792	4,19843,71353	2,75001
15793	4,19846,46354	2,74983
15794	4,19849,21337	2,74965
15795	4,19851,96302	2,74949
15796	4,19854,71251	2,74930
15797	4,19857,46181	2,74914
15798	4,19860,21095	2,74896
15799	4,19862,95991	2,74879
15800	4,19865,70870	2,74861
15801	4,19868,45731	2,74844
15802	4,19871,20575	2,74826
15803	4,19873,95401	2,74809
15804	4,19876,70210	2,74792
15805	4,19879,45002	2,74774
15806	4,19882,19776	2,74757
15807	4,19884,94533	2,74739
15808	4,19887,69272	2,74723
15809	4,19890,43995	2,74704
15810	4,19893,18699	2,74688
15811	4,19895,93387	2,74670
15812	4,19898,68057	2,74652
15813	4,19901,42709	2,74636
15814	4,19904,17345	2,74618
15815	4,19906,91963	2,74600
15816	4,19909,66563	2,74583
15817	4,19912,41146	2,74566
15818	4,19915,15712	2,74549
15819	4,19917,90261	2,74531
15820	4,19920,64792	2,74513
15821	4,19923,39305	2,74497
15822	4,19926,13802	2,74479
15823	4,19928,88281	2,74462
15824	4,19931,62743	2,74444
15825	4,19934,37187	2,74427
15826	4,19937,11614	2,74410
15827	4,19939,86024	2,74392
15828	4,19942,60416	2,74375
15829	4,19945,34791	2,74358
15830	4,19948,09149	2,74340
15831	4,19950,83489	2,74323
15832	4,19953,57812	2,74306
15833	4,19956,32118	2,74288
15834	4,19959,06406	2,74271
15835	4,19961,80677	2,74254
15836	4,19964,54931	2,74236
15837	4,19967,29167	2,74219
15838	4,19970,03386	2,74202
15839	4,19972,77588	2,74185
15840	4,19975,51773	2,74167
15841	4,19978,25940	2,74150
15842	4,19981,00090	2,74132
15843	4,19983,34222	2,74115
15844	4,19986,48337	2,74098
15845	4,19989,22435	2,74081
15846	4,19991,96516	2,74063
15847	4,19994,70579	2,74046
15848	4,19997,44625	2,74029
15849	4,20000,18654	2,74012
15850	4,20002,92666	2,73994
15851	4,20005,66660	2,73977
15852	4,20008,40637	2,73959
15853	4,20011,14596	2,73943
15854	4,20013,88539	2,73925
15855	4,20016,62464	2,73907
15856	4,20019,36371	2,73891
15857	4,20022,10262	2,73873
15858	4,20024,84135	2,73856
15859	4,20027,57991	2,73839
15860	4,20030,31830	2,73821
15861	4,20033,05651	2,73804
15862	4,20035,79455	2,73787
15863	4,20038,53242	2,73770
15864	4,20041,27012	2,73752
15865	4,20044,00764	2,73736
15866	4,20046,74500	2,73717
15867	4,20049,48217	2,73701
15868	4,20052,21918	2,73683
15869	4,20054,95601	2,73667
15870	4,20057,69268	2,73648
15871	4,20060,42916	2,73632
15872	4,20063,16548	2,73615
15873	4,20065,90163	2,73597
15874	4,20068,63760	2,73580
15875	4,20071,37340	2,73562
15876	4,20074,10902	2,73546
15877	4,20076,84448	2,73528
15878	4,20079,57976	2,73511
15879	4,20082,31487	2,73494
15880	4,20085,04981	2,73476
15881	4,20087,78457	2,73460
15882	4,20090,51917	2,73442
15883	4,20093,25359	2,73425
15884	4,20095,98784	2,73408
15885	4,20098,72192	2,73390
15886	4,20101,45582	2,73373
15887	4,20104,18955	2,73357
15888	4,20106,92312	2,73338
15889	4,20109,65650	2,73322
15890	4,20112,38972	2,73305
15891	4,20115,12277	2,73287
15892	4,20117,85564	2,73270
15893	4,20120,58834	2,73253
15894	4,20123,32087	2,73236
15895	4,20126,05323	2,73218
15896	4,20128,78541	2,73201
15897	4,20131,51742	2,73184
15898	4,20134,24926	2,73167
15899	4,20136,98093	2,73150
15900	4,20139,71243	2,73133

Num.	Logarithmi	Differ.
15901	4,20142,44376	2,73115
15902	4,20145,17491	2,73098
15903	4,20147,90589	2,73082
15904	4,20150,63671	2,73063
15905	4,20153,36734	2,73047
15906	4,20156,09781	2,73030
15907	4,20158,82811	2,73012
15908	4,20161,55823	2,72995
15909	4,20164,28818	2,72978
15910	4,20167,01796	2,72961
15911	4,20169,74757	2,72944
15912	4,20172,47701	2,72927
15913	4,20175,20628	2,72909
15914	4,20177,93537	2,72893
15915	4,20180,66430	2,72875
15916	4,20183,39305	2,72858
15917	4,20186,12163	2,72841
15918	4,20188,85004	2,72823
15919	4,20191,57827	2,72807
15920	4,20194,30634	2,72789
15921	4,20197,03423	2,72773
15922	4,20199,76196	2,72755
15923	4,20202,48951	2,72738
15924	4,20205,21689	2,72721
15925	4,20207,94410	2,72704
15926	4,20210,67114	2,72687
15927	4,20213,39801	2,72669
15928	4,20216,12470	2,72653
15929	4,20218,85123	2,72635
15930	4,20221,57758	2,72618
15931	4,20224,30376	2,72601
15932	4,20227,02977	2,72584
15933	4,20229,75561	2,72567
15934	4,20232,48128	2,72550
15935	4,20235,20678	2,72533
15936	4,20237,93211	2,72515
15937	4,20240,65726	2,72499
15938	4,20243,38225	2,72481
15939	4,20246,10706	2,72465
15940	4,20248,83171	2,72447
15941	4,20251,55618	2,72430
15942	4,20254,28048	2,72413
15943	4,20257,00461	2,72396
15944	4,20259,72857	2,72379
15945	4,20262,45236	2,72362
15946	4,20265,17598	2,72344
15947	4,20267,89942	2,72328
15948	4,20270,62270	2,72310
15949	4,20273,34580	2,72294
15950	4,20276,06874	2,72276

Num.	Logarithmi	Differ.
15951	4,20278,79150	2,72260
15952	4,20281,51410	2,72242
15953	4,20284,23652	2,72225
15954	4,20286,95877	2,72208
15955	4,20289,68085	2,72191
15956	4,20292,40276	2,72174
15957	4,20295,12450	2,72157
15958	4,20297,84607	2,72140
15959	4,20300,56747	2,72123
15960	4,20303,28870	2,72106
15961	4,20306,00976	2,72089
15962	4,20308,73065	2,72071
15963	4,20311,45136	2,72055
15964	4,20314,17191	2,72038
15965	4,20316,89229	2,72020
15966	4,20319,61249	2,72004
15967	4,20322,33253	2,71986
15968	4,20325,05239	2,71970
15969	4,20327,77209	2,71952
15970	4,20330,49161	2,71936
15971	4,20333,21097	2,71918
15972	4,20335,93015	2,71902
15973	4,20338,64917	2,71884
15974	4,20341,36801	2,71867
15975	4,20344,08668	2,71851
15976	4,20346,80519	2,71833
15977	4,20349,52352	2,71816
15978	4,20352,24168	2,71800
15979	4,20354,95968	2,71782
15980	4,20357,67750	2,71765
15981	4,20360,39515	2,71748
15982	4,20363,11263	2,71732
15983	4,20365,82995	2,71714
15984	4,20368,54709	2,71697
15985	4,20371,26406	2,71680
15986	4,20373,98086	2,71664
15987	4,20376,69750	2,71646
15988	4,20379,41396	2,71629
15989	4,20382,13025	2,71612
15990	4,20384,84637	2,71596
15991	4,20387,56233	2,71578
15992	4,20390,27811	2,71561
15993	4,20392,99372	2,71545
15994	4,20395,70917	2,71527
15995	4,20398,42444	2,71511
15996	4,20401,13955	2,71493
15997	4,20403,85448	2,71477
15998	4,20406,56925	2,71459
15999	4,20409,28384	2,71443
16000	4,20411,99827	2,71425

Num.	Logarithmi	Differ.
16001	4,20414,71252	2,71409
16002	4,20417,42661	2,71391
16003	4,20420,14052	2,71375
16004	4,20422,85427	2,71358
16005	4,20425,56785	2,71341
16006	4,20428,28126	2,71323
16007	4,20430,99449	2,71307
16008	4,20433,70756	2,71290
16009	4,20436,42046	2,71273
16010	4,20439,13319	2,71256
16011	4,20441,84575	2,71239
16012	4,20444,55814	2,71222
16013	4,20447,27036	2,71206
16014	4,20449,98242	2,71188
16015	4,20452,69430	2,71171
16016	4,20455,40601	2,71155
16017	4,20458,11756	2,71137
16018	4,20460,82893	2,71121
16019	4,20463,54014	2,71103
16020	4,20466,25117	2,71087
16021	4,20468,96204	2,71070
16022	4,20471,67274	2,71053
16023	4,20474,38327	2,71036
16024	4,20477,09363	2,71019
16025	4,20479,80382	2,71002
16026	4,20482,51384	2,70985
16027	4,20485,22369	2,70969
16028	4,20487,93338	2,70951
16029	4,20490,64289	2,70935
16030	4,20493,35224	2,70917
16031	4,20496,06141	2,70901
16032	4,20498,77042	2,70884
16033	4,20501,47926	2,70867
16034	4,20504,18793	2,70850
16035	4,20506,89643	2,70833
16036	4,20509,60476	2,70816
16037	4,20512,31292	2,70799
16038	4,20515,02091	2,70783
16039	4,20517,72874	2,70765
16040	4,20520,43639	2,70749
16041	4,20523,14388	2,70732
16042	4,20525,85120	2,70715
16043	4,20528,55835	2,70698
16044	4,20531,26533	2,70681
16045	4,20533,97214	2,70665
16046	4,20536,67879	2,70647
16047	4,20539,38526	2,70631
16048	4,20542,09157	2,70614
16049	4,20544,79771	2,70596
16050	4,20547,50367	2,70580

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Num.	Logarithmi	Differ.
16051	4,20550,20947	2,70564
16052	4,20552,91511	2,70546
16053	4,20555,62057	2,70529
16054	4,20558,32586	2,70513
16055	4,20561,03099	2,70496
16056	4,20563,73595	2,70479
16057	4,20566,44074	2,70462
16058	4,20569,14536	2,70445
16059	4,20571,84981	2,70428
16060	4,20574,55409	2,70412
16061	4,20577,25821	2,70395
16062	4,20579,96216	2,70378
16063	4,20582,66594	2,70361
16064	4,20585,36955	2,70344
16065	4,20588,07299	2,70327
16066	4,20590,77626	2,70311
16067	4,20593,47937	2,70294
16068	4,20596,18231	2,70277
16069	4,20598,88508	2,70260
16070	4,20601,58768	2,70243
16071	4,20604,29011	2,70226
16072	4,20606,99237	2,70210
16073	4,20609,69447	2,70193
16074	4,20612,39640	2,70176
16075	4,20615,09816	2,70159
16076	4,20617,79975	2,70143
16077	4,20620,50118	2,70125
16078	4,20623,20243	2,70109
16079	4,20625,90352	2,70092
16080	4,20628,60444	2,70075
16081	4,20631,30519	2,70059
16082	4,20634,00578	2,70041
16083	4,20636,70619	2,70025
16084	4,20639,40644	2,70008
16085	4,20642,10652	2,69992
16086	4,20644,80644	2,69974
16087	4,20647,50618	2,69958
16088	4,20650,20576	2,69941
16089	4,20652,90517	2,69924
16090	4,20655,60441	2,69907
16091	4,20658,30348	2,69891
16092	4,20661,00239	2,69874
16093	4,20663,70113	2,69857
16094	4,20666,39970	2,69840
16095	4,20669,09810	2,69824
16096	4,20671,79634	2,69807
16097	4,20674,49441	2,69790
16098	4,20677,19231	2,69773
16099	4,20679,89004	2,69756
16100	4,20682,58760	2,69740

Num.	Logarithmi	Differ.
16101	4,20685,28500	2,69723
16102	4,20687,98223	2,69706
16103	4,20690,67929	2,69690
16104	4,20693,37619	2,69673
16105	4,20696,07292	2,69656
16106	4,20698,76948	2,69639
16107	4,20701,46587	2,69622
16108	4,20704,16209	2,69606
16109	4,20706,85815	2,69589
16110	4,20709,55404	2,69573
16111	4,20712,24977	2,69555
16112	4,20714,94532	2,69539
16113	4,20717,64071	2,69522
16114	4,20720,33593	2,69505
16115	4,20723,03098	2,69489
16116	4,20725,72587	2,69472
16117	4,20728,42059	2,69455
16118	4,20731,11514	2,69439
16119	4,20733,80953	2,69422
16120	4,20736,50375	2,69405
16121	4,20739,19780	2,69388
16122	4,20741,89168	2,69372
16123	4,20744,58540	2,69355
16124	4,20747,27895	2,69338
16125	4,20749,97233	2,69322
16126	4,20752,66555	2,69304
16127	4,20755,35859	2,69289
16128	4,20758,05148	2,69271
16129	4,20760,74419	2,69255
16130	4,20763,43674	2,69238
16131	4,20766,12912	2,69221
16132	4,20768,82133	2,69205
16133	4,20771,51338	2,69188
16134	4,20774,20526	2,69171
16135	4,20776,89697	2,69155
16136	4,20779,58852	2,69138
16137	4,20782,27990	2,69121
16138	4,20784,97111	2,69105
16139	4,20787,66216	2,69088
16140	4,20790,35304	2,69071
16141	4,20793,04375	2,69055
16142	4,20795,73430	2,69038
16143	4,20798,42468	2,69021
16144	4,20801,11489	2,69005
16145	4,20803,80494	2,68987
16146	4,20806,49481	2,68972
16147	4,20809,18453	2,68954
16148	4,20811,87407	2,68938
16149	4,20814,56345	2,68922
16150	4,20817,25267	2,68904

Num.	Logarithmi	Differ.
16151	4,20819,94171	2,68888
16152	4,20822,63059	2,68872
16153	4,20825,31931	2,68854
16154	4,20828,00785	2,68839
16155	4,20830,69624	2,68821
16156	4,20833,38445	2,68805
16157	4,20836,07250	2,68788
16158	4,20838,76038	2,68771
16159	4,20841,44809	2,68755
16160	4,20844,13564	2,68739
16161	4,20846,82303	2,68721
16162	4,20849,51024	2,68705
16163	4,20852,19729	2,68689
16164	4,20854,88418	2,68671
16165	4,20857,57089	2,68656
16166	4,20860,25745	2,68638
16167	4,20862,94383	2,68622
16168	4,20865,63005	2,68605
16169	4,20868,31610	2,68589
16170	4,20871,00199	2.68572
16171	4,20873,68771	2,68556
16172	4,20876,37327	2,68538
16173	4,20879,05865	2,68523
16174	4,20881,74388	2,68505
16175	4,20884,42893	2,68409
16176	4,20887,11382	2,68473
16177	4,20889,79855	2,68456
16178	4,20892,48311	2,68439
16179	4,20895,16750	2,68423
16180	4,20897,85173	2,68406
16181	4,20900,53579	2,68389
16182	4,20903,21968	2,68373
16183	4,20905,90341	2,68357
16184	4,20908,58698	2,68339
16185	4,20911,27037	2,68324
16186	4,20913,95361	2,68306
16187	4,20916,63667	2,68290
16188	4,20919,31957	2,68274
16189	4,20922,00231	2,68257
16190	4,20924,68488	2,68240
16191	4,20927,36728	2,68224
16192	4,20930,04952	2,68207
16193	4,20932,73159	2,68190
16194	4,20935,41349	2,68174
16195	4,20938,09523	2,68158
16196	4,20940,77681	2,68141
16197	4,20943,45822	2,68124
16198	4,20946,13946	2,68108
16199	4,20948,82054	2,68091
16200	4,20951,50145	2,68075

Num.	Logarithmi	Differ.
16201	4,20954,18220	2,68058
16202	4,20956,86278	2,68042
16203	4,20959,54320	2,68025
16204	4,20962,22345	2,68009
16205	4,20964,90354	2,67992
16206	4,20967,58346	2,67975
16207	4,20970,26321	2,67959
16208	4,20972,94280	2,67943
16209	4,20975,62223	2,67925
16210	4,20978,30148	2,67910
16211	4,20980,98058	2,67893
16212	4,20983,65951	2,67876
16213	4,20986,33827	2,67860
16214	4,20989,01687	2,67843
16215	4,20991,69530	2,67827
16216	4,20994,37357	2,67810
16217	4,20997,05167	2,67794
16218	4,20999,72961	2,67777
16219	4,21002,40738	2,67761
16220	4,21005,08499	2,67744
16221	4,21007,76243	2,67728
16222	4,21010,43971	2,67711
16223	4,21013,11682	2,67695
16224	4,21015,79377	2,67678
16225	4,21018,47055	2,67661
16226	4,21021,14716	2,67646
16227	4,21023,82362	2,67628
16228	4,21026,49990	2,67613
16229	4,21029,17603	2,67595
16230	4,21031,85198	2,67580
16231	4,21034,52778	2,67562
16232	4,21037,20340	2,67547
16233	4,21039,87887	2,67529
16234	4,21042,55416	2,67514
16235	4,21045,22930	2,67496
16236	4,21047,90426	2,67481
16237	4,21050,57907	2,67464
16238	4,21053,25371	2,67447
16239	4,21055,92818	2,67431
16240	4,21058,60249	2,67415
16241	4,21061,27664	2,67398
16242	4,21063,95062	2,67381
16243	4,21066,62443	2,67365
16244	4,21069,29808	2,67349
16245	4,21071,97157	2,67332
16246	4,21074,64489	2,67316
16247	4,21077,31805	2,67299
16248	4,21079,99104	2,67283
16249	4,21082,66387	2,67266
16250	4,21085,33653	2,67250

Num.	Logarithmi	Differ.
16251	4,21088,00903	2,67234
16252	4,21090,68137	2,67217
16253	4,21093,35354	2,67200
16254	4,21096,02554	2,67184
16255	4,21098,69738	2,67168
16256	4,21101,36906	2,67151
16257	4,21104,04057	2,67135
16258	4,21106,71192	2,67119
16259	4,21109,38311	2,67102
16260	4,21112,05413	2,67085
16261	4,21114,72498	2,67069
16262	4,21117,39567	2,67053
16263	4,21120,06620	2,67036
16264	4,21122,73656	2,67020
16265	4,21125,40676	2,67004
16266	4,21128,07680	2,66987
16267	4,21130,74667	2,66970
16268	4,21133,41637	2,66955
16269	4,21136,08592	2,66937
16270	4,21138,75529	2,66922
16271	4,21141,42451	2,66905
16272	4,21144,09356	2,66888
16273	4,21146,76244	2,66873
16274	4,21149,43117	2,66855
16275	4,21152,09972	2,66840
16276	4,21154,76812	2,66823
16277	4,21157,43635	2,66806
16278	4,21160,10441	2,66791
16279	4,21162,77232	2,66774
16280	4,21165,44006	2,66757
16281	4,21168,10763	2,66731
16282	4,21170,77504	2,66725
16283	4,21173,44229	2,66708
16284	4,21176,10937	2,66692
16285	4,21178,77629	2,66676
16286	4,21181,44305	2,66659
16287	4,21184,10964	2,66643
16288	4,21186,77607	2,66626
16289	4,21189,44233	2,66610
16290	4,21192,10843	2,66594
16291	4,21194,77437	2,66577
16292	4,21197,44014	2,66561
16293	4,21200,10575	2,66545
16294	4,21202,77120	2,66528
16295	4,21205,43648	2,66512
16296	4,21208,10160	2,66495
16297	4,21210,76655	2,66480
16298	4,21213,43135	2,66463
16299	4,21216,09598	2,66446
16300	4,21218,76044	2,66430

Num.	Logarithmi	Differ.
16301	4,21221,42474	2,66414
16302	4,21224,08888	2,66397
16303	4,21226,75285	2,66382
16304	4,21229,41667	2,66364
16305	4,21232,08031	2,66349
16306	4,21234,74380	2,66332
16307	4,21237,40712	2,66316
16308	4,21240,07028	2,66299
16309	4,21242,73327	2,66283
16310	4,21245,39610	2,66267
16311	4,21248,05877	2,66251
16312	4,21250,72128	2,66234
16313	4,21253,38362	2,66218
16314	4,21256,04580	2,66201
16315	4,21258,70781	2,66185
16316	4,21261,36966	2,66169
16317	4,21264,03135	2,66153
16318	4,21266,69288	2,66136
16319	4,21269,35424	2,66120
16320	4,21272,01544	2,66104
16321	4,21274,67648	2,66087
16322	4,21277,33735	2,66071
16323	4,21279,99806	2,66055
16324	4,21282,65861	2,66038
16325	4,21285,31899	2,66023
16326	4,21287,97922	2,66006
16322	4,21290,63928	2,65989
16328	4,21293,29917	2,65973
16329	4,21295,95890	2,65957
16330	4,21298,61847	2,65941
16331	4,21301,27788	2,65925
16332	4,21303,93713	2,65908
16333	4,21306,59621	2,65892
16334	4,21309,25513	2,65875
16335	4,21311,91388	2,65859
16336	4,21314,57247	2,65843
16337	4,21317,23090	2,65827
16338	4,21319,88917	2,65811
16339	4,21322,54728	2,65794
16340	4,21325,20522	2,65778
16341	4,21327,86300	2,65762
16342	4,21330,52062	2,65745
16343	4,21333,17807	2,65729
16344	4,21335,83536	2,65713
16345	4,21338,49249	2,65697
16346	4,21341,14946	2,65680
16347	4,21343,80626	2,65664
16348	4,21346,46290	2,65648
16349	4,21349,11938	2,65632
16350	4,21351,77570	2,65615

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
16351	4,21354,43185	2,65600	16401	4,21487,03286	2,64790	16451	4,21619,23024	2,63984
16352	4,21357,08785	2,65582	16402	4,21489,68076	2,64773	16452	4,21621,87008	2,63969
16353	4,21359,74367	2,65567	16403	4,21492,32849	2,64757	16453	4,21624,50977	2,63953
16354	4,21362,39934	2,65551	16404	4,21494,97606	2,64741	16454	4,21627,14930	2,63936
16355	4,21365,05485	2,65534	16405	4,21497,62347	2,64725	16455	4,21629,78866	2,63921
16356	4,21367,71019	2,65518	16406	4,21500,27072	2,64709	16456	4,21632,42787	2,63904
16357	4,21370,36537	2,65502	16407	4,21502,91781	2,64693	16457	4,21635,06691	2,63889
16358	4,21373,02039	2,65485	16408	4,21505,56474	2,64676	16458	4,21637,70580	2,63872
16359	4,21375,67524	2,65469	16409	4,21508,21150	2,64661	16459	4,21640,34452	2,63857
16360	4,21378,32993	2,65453	16410	4,21510,85811	2,64644	16460	4,21642,98309	2,63840
16361	4,21380,98446	2,65437	16411	4,21513,50455	2,64628	16461	4,21645,92149	2,63825
16362	4,21383,63883	2,65421	16412	4,21516,15083	2,64612	16462	4,21648,25974	2,63808
16363	4,21386,29304	2,65404	16413	4,21518,79695	2,64596	16463	4,21650,89782	2,63792
16364	4,21388,94708	2,65388	16414	4,21521,44291	2,64580	16464	4,21653,53574	2,63776
16365	4,21391,60096	2,65372	16415	4,21524,08871	2,64563	16465	4,21656,17350	2,63761
16366	4,21394,25468	2,65356	16416	4,21526,73434	2,64548	16466	4,21658,81111	2,63744
16367	4,21396,90824	2,65340	16417	4,21529,37982	2,64531	16467	4,21661,44855	2,63728
16368	4,21399,56164	2,65323	16418	4,21532,02513	2,64516	16468	4,21664,08583	2,63712
16369	4,21402,21487	2,65307	16419	4,21534,67029	2,64499	16469	4,21666,72295	2,63697
16370	4,21404,86794	2,65291	16420	4,21537,31528	2,64483	16470	4,21669,35992	2,63680
16371	4,21407,52085	2,65275	16421	4,21539,96011	2,64467	16471	4,21671,99672	2,63664
16372	4,21410,17360	2,65258	16422	4,21542,60478	2,64451	16472	4,21674,63336	2,63648
16373	4,21412,82618	2,65243	16423	4,21545,24929	2,64435	16473	4,21677,26984	2,63632
16374	4,21415,47861	2,65226	16424	4,21547,89364	2,64418	16474	4,21679,90616	2,63617
16375	4,21418,13087	2,65210	16425	4,21550,53782	2,64403	16475	4,21682,54233	2,63600
16376	4,21420,78297	2,65193	16426	4,21553,18185	2,64386	16476	4,21685,17833	2,63584
16377	4,21423,43490	2,65178	16427	4,21555,82571	2,64371	16477	4,21687,81417	2,63568
16378	4,21426,08668	2,65161	16428	4,21558,46942	2,64354	16478	4,21690,44985	2,63552
16379	4,21428,73829	2,65145	16429	4,21561,11296	2,64338	16479	4,21693,08537	2,63537
16380	4,21431,38974	2,65129	16430	4,21563,75634	2,64322	16480	4,21695,72074	2,63520
16381	4,21434,04103	2,65113	16431	4,21566,39956	2,64307	16481	4,21698,35594	2,63504
16382	4,21436,69216	2,65097	16432	4,21569,04263	2,64289	16482	4,21700,99098	2,63488
16383	4,21439,34313	2,65080	16433	4,21571,68552	2,64274	16483	4,21703,62586	2,63473
16384	4,21441,99393	2,65064	16434	4,21574,32826	2,64258	16484	4,21706,26059	2,63456
16385	4,21444,64457	2,65048	16435	4,21576,97084	2,64242	16485	4,21708,89515	2,63440
16386	4,21447,29505	2,65032	16436	4,21579,61326	2,64226	16486	4,21711,52955	2,63424
16387	4,21449,94537	2,65016	16437	4,21582,25552	2,64209	16487	4,21714,16379	2,63409
16388	4,21452,59553	2,64999	16438	4,21584,89761	2,64194	16488	4,21716,79788	2,63392
16389	4,21455,24552	2,64984	16439	4,21587,53955	2,64177	16489	4,21719,43180	2,63376
16390	4,21457,89536	2,64967	16440	4,21590,18132	2,64161	16490	4,21722,06556	2,63361
16391	4,21460,54503	2,64951	16441	4,21592,82293	2,64146	16491	4,21724,69917	2,63344
16392	4,21463,19454	2,64935	16442	4,21595,46439	2,64129	16492	4,21727,33261	2,63329
16393	4,21465,84389	2,64919	16443	4,21598,10568	2,64113	16493	4,21729,96590	2,63312
16394	4,21468,49308	2,64902	16444	4,21600,74681	2,64097	16494	4,21732,59902	2,63297
16395	4,21471,14210	2,64886	16445	4,21603,38778	2,64081	16495	4,21735,23199	2,63280
16396	4,21473,79096	2,64871	16446	4,21606,02859	2,64065	16496	4,21737,86479	2,63265
16397	4,21476,43967	2,64854	16447	4,21608,66924	2,64049	16497	4,21740,49744	2,63249
16398	4,21479,08821	2,64838	16448	4,21611,30973	2,64033	16498	4,21743,12993	2,63232
11399	4,21481,73659	2,64821	16449	4,21613,95006	2,64017	16499	4,21745,76225	2,63217
16400	4,21484,38480	2,64806	16450	4,21616,59023	2,64001	16500	4,21748,39442	2,63201

Num.	Logarithmi	Differ.
16501	4,21751,02643	2,63185
16502	4,21753,65828	2,63169
16503	4,21756,28997	2,63153
16504	4,21758,92150	2,63137
16505	4,21761,55287	2,63121
16506	4,21764,18408	2,63105
16507	4,21766,81513	2,63089
16508	4,21769,44602	2,63073
16509	4,21772,07675	2,63058
16510	4,21774,70733	2,63041
16511	4,21777,33774	2,63025
16512	4,21779,96799	2,63010
16513	4,21782,59809	2,62994
16514	4,21785,22803	2,62977
16515	4,21787,85780	2,62962
16516	4,21790,48742	2,62946
16517	4,21793,11688	2,62930
16518	4,21795,74618	2,62914
16519	4,21798,37532	2,62898
16520	4,21801,00430	2,62882
16521	4,21803,63312	2,62866
16522	4,21806,26178	2,62851
16523	4,21808,89029	2,62834
16524	4,21811,51863	2,62819
16525	4,21814,14682	2,62802
16526	4,21816,77484	2,62787
16527	4,21819,40271	2,62771
16528	4,21822,03042	2,62755
16529	4,21824,65797	2,62739
16530	4,21827,28536	2,62723
16531	4,21829,91259	2,62707
16532	4,21832,53966	2,62691
16533	4,21835,16657	2,62676
16534	4,21837,79333	2,62659
16535	4,21840,41992	2,62644
16536	4,21843,04636	2,62628
16537	4,21845,67264	2,62612
16538	4,21848,29876	2,62596
16539	4,21850,92472	2,62580
16540	4,21853,55052	2,62564
16541	4,21856,17616	2,62549
16542	4,21858,80165	2,62532
16543	4,21861,42697	2,62517
16544	4,21864,05214	2,62501
16545	4,21866,67715	2,62485
16546	4,21869,30200	2,62469
16547	4,21871,92669	2,62453
16548	4,21874,55122	2,62438
16549	4,21877,17560	2,62421
16550	4,21879,79981	2,62406

Chilias 17.

Num.	Logarithmi	Differ.
16551	4,21882,42387	2,62390
16552	4,21885,04777	2,62374
16553	4,21887,67151	2,62358
16554	4,21890,29509	2,62342
16555	4,21892,91851	2,62326
16556	4,21895,54177	2,62311
16557	4,21898,16488	2,62295
16558	4,21900,78783	2,62278
16559	4,21903,41061	2,62263
16560	4,21906,03324	2,62248
16561	4,21908,65572	2,62231
16562	4,21911,27803	2,62216
16563	4,21913,90019	2,62199
16564	4,21916,52218	2,62184
16565	4,21919,14402	2,62168
16566	4,21921,76570	2,62152
16567	4,21924,38722	2,62137
16568	4,21927,00859	2,62120
16569	4,21929,62979	2,62105
16570	4,21932,25084	2,62089
16571	4,21934,87173	2,62073
16572	4,21937,49246	2,62058
16573	4,21940,11304	2,62041
16574	4,21942,73345	2,62026
16575	4,21945,35371	2,62010
16576	4,21947,97381	2,61994
16577	4,21950,59375	2,61978
16578	4,21953,21353	2,61962
16579	4,21955,83315	2,61947
16580	4,21958,45262	2,61931
16581	4,21961,07193	2,61915
16582	4,21963,69108	2,61899
16583	4,21966,31007	2,61884
16584	4,21968,92891	2,61868
16585	4,21971,54759	2,61851
16586	4,21974,16610	2,61837
16587	4,21976,78447	2,61820
16588	4,21979,40267	2,61804
16589	4,21982,02071	2,61789
16590	4,21984,63860	2,61773
16591	4,21987,25633	2,61757
16592	4,21989,87390	2,61742
16593	4,21992,49132	2,61726
16594	4,21995,10858	2,61709
16595	4,21997,72567	2,61695
16596	4,22000,34262	2,61678
16597	4,22002,95940	2,61663
16598	4,22005,57603	2,61646
16599	4,22008,19249	2,61631
16600	4,22010,80880	2,61616

Chilias 17.

Num.	Logarithmi	Differ.
16601	4,22013,42496	2,61599
16602	4,22016,04095	2,61584
16603	4,22018,65679	2,61568
16604	4,22021,27247	2,61552
16605	4,22023,88799	2,61537
16606	4,22026,50336	2,61521
16607	4,22029,11857	2,61505
16608	4,22031,73362	2,61489
16609	4,22034,34851	2,61474
16610	4,22036,96325	2,61457
16611	4,22039,57782	2,61442
16612	4,22042,19224	2,61427
16613	4,22044,80651	2,61410
16614	4,22047,42061	2,61395
16615	4,22050,03456	2,61379
16616	4,22052,64835	2,61364
16617	4,22055,26199	2,61347
16618	4,22057,87546	2,61332
16619	4,22060,48878	2,61316
16620	4,22063,10194	2,61301
16621	4,22065,71495	2,61285
16622	4,22068,32780	2,61269
16623	4,22070,94049	2,61253
16624	4,22073,55302	2,61238
16625	4,22076,16540	2,61222
16626	4,22078,77762	2,61206
16627	4,22081,38968	2,61190
16628	4,22084,00158	2,61175
16629	4,22086,61333	2,61159
16630	4,22089,22492	2,61144
16631	4,22091,83636	2,61127
16632	4,22094,44763	2,61112
16633	4,22097,05875	2,61096
16634	4,22099,66971	2,61081
16635	4,22102,28052	2,61065
16636	4,22104,89117	2,61049
16637	4,22107,50166	2,61034
16638	4,22110,11200	2,61017
16639	4,22112,72217	2,61003
16640	4,22115,33220	2,90986
16641	4,22117,94206	2,60971
16642	4,22120,55177	2,60955
16643	4,22123,16132	2,60939
16644	4,22125,77071	2,60924
16645	4,22128,37995	2,60908
16646	4,22130,98903	2,60892
16647	4,22133,59795	2,60877
16648	4,22136,20672	2,60861
16649	4,22138,81533	2,60845
16650	4,22141,42378	2,60830

Num.	Logarithmi	Differ.
16651	4,22144,03208	2,60814
16652	4,22146,64022	2,60799
16653	4,22149,24821	2,60782
16654	4,22151,85603	2,60767
16655	4,22154,46370	2,60752
16656	4,22157,07122	2,60735
16657	4,22159,67857	2,60720
16658	4,22162,28577	2,60705
16659	4,22164,89282	2,60689
16660	4,22167,49971	2,60673
16661	4,22170,10644	2,60657
16662	4,22172,71301	2,60642
16663	4,22175,31943	2,60626
16664	4,22177,92569	2,60611
16665	4,22180,53180	2,60595
16666	4,22183,13775	2,60579
16667	4,22185,74354	2,60564
16668	4,22188,34918	2,60548
16669	4,22190,95466	2,60532
16670	4,22193,55998	2,60517
16671	4,22196,16515	2,60501
16672	4,22198,77016	2,60486
16673	4,22201,37502	2,60470
16674	4,22203,97972	2,60454
16675	4,22206,58426	2,60439
16676	4,22209,18865	2,60423
16677	4,22211,79288	2,60407
16678	4,22214,39695	2,60392
16679	4,22217,00087	2,60376
16680	4,22219,60463	2,60361
16681	4,22222,20824	2,60345
16682	4,22224,81169	2,60329
16683	4,22227,41498	2,60314
16684	4,22230,01812	2,60298
16685	4,22232,62110	2,60282
16686	4,22235,22392	2,60267
16687	4,22237,82659	2,60252
16688	4,22240,42911	2,60236
16689	4,22243,03147	2,60220
16690	4,22245,63367	2,60204
16691	4,22248,23571	2,60189
16692	4,22250,83760	2,60174
16693	4,22253,43934	2,60158
16694	4,22256,04092	2,60142
16695	4,22258,64234	2,60127
16696	4,22261,24361	2,60111
16697	4,22263,84472	2,60095
16698	4,22266,44567	2,60080
11699	4,22269,04647	2,60064
16700	4,22271,64711	2,60049

Chilias 17.

Num.	Logarithmi	Differ.
16701	4,22274,24760	2,60033
16702	4,22276,84793	2,60018
16703	4,22279,44811	2,60002
16704	4,22282,04813	2,59987
16705	4,22284,64800	2,59971
16706	4,22287,24771	2,59955
16707	4,22289,84726	2,59940
16708	4,22292,44666	2,59924
16709	4,22295,04590	2,59909
16710	4,22297,64499	2,59893
16711	4,22300,24392	2,59878
16712	4,22302,84270	2,59862
16713	4,22305,44132	2,59846
16714	4,22308,03978	2,59831
16715	4,22310,63809	2,59816
16716	4,22313,23625	2,59800
16717	4,22315,83425	2,59784
16718	4,22318,43209	2,59769
16719	4,22321,02978	2,59753
16720	4,22323,62731	2,59738
16721	4,22326,22469	2,59722
16722	4,22328,82191	2,59707
16723	4,22331,41898	2,59691
16724	4,22334,01589	2,59675
16725	4,22336,61264	2,59660
16726	4,22339,20924	2,59645
16727	4,22341,80569	2,59629
16728	4,22344,40198	2,59614
16729	4,22346,99812	2,59598
16730	4,22349,59410	2,59582
16731	4,22352,18992	2,59567
16732	4,22354,78559	2,59552
16733	4,22357,38111	2,59535
16734	4,22359,97646	2,59521
16735	4,22362,57167	2,59505
16736	4,22365,16672	2,59489
16737	4,22367,76161	2,59474
16738	4,22370,35635	2,59459
16739	4,22372,95094	2,59443
16740	4,22375,54537	2,59427
16741	4,22378,13964	2,59412
16742	4,22380,73376	2,59396
16743	4,22383,32772	2,59381
16744	4,22385,92153	2,59366
16745	4,22388,51519	2,59350
16746	4,22391,10869	2,59334
16747	4,22393,70203	2,59319
16748	4,22396,29522	2,59304
16749	4,22398,88826	2,59288
16750	4,22401,48114	2,59272

Chilias 17.

Num.	Logarithmi	Differ.
16751	4,22404,07386	2,59257
16752	4,22406,66643	2,59242
16753	4,22409,25885	2,59226
16754	4,22411,85111	2,59211
16755	4,22414,44322	2,59195
16756	4,22417,03517	2,59180
16757	4,22419,62697	2,59164
16758	4,22422,21861	2,59149
16759	4,22424,81010	2,59133
16760	4,22427,40143	2,59118
16761	4,22429,99261	2,59102
16762	4,22432,58363	2,59087
16763	4,22435,17450	2,59072
16764	4,22437,76522	2,59056
16765	4,22440,35578	2,59040
16766	4,22442,94618	2,59025
16767	4,22445,53643	2,59010
16768	4,22448,12653	2,58994
16769	4,22450,71647	2,58979
16770	4,22453,30626	2,58963
16771	4,22455,89589	2,58948
16772	4,22458,48537	2,58933
16773	4,22461,07470	2,58917
16774	4,22463,66387	2,58901
16775	4,22466,25288	2,58887
16776	4,22468,84175	2,58870
16777	4,22471,43045	2,58856
16778	4,22474,01901	2,58839
16779	4,22476,60740	2,58825
16780	4,22479,19565	2,58809
16781	4,22481,78374	2,58794
16782	4,22484,37168	2,58778
16783	4,22486,95946	2,58762
16784	4,22489,54708	2,58748
16785	4,22492,13456	2,58732
16786	4,22494,72188	2,58716
16787	4,22497,30904	2,58701
16788	4,22499,89605	2,58686
16789	4,22502,48291	2,58670
16790	4,22505,06961	2,58655
16791	4,22507,65616	2,58640
16792	4,22510,24256	2,58624
16793	4,22512,82880	2,58608
16794	4,22515,41488	2,58594
16795	4,22518,00082	2,58578
16796	4,22520,58660	2,58562
16797	4,22523,17222	2,58547
16798	4,22525,75769	2,58532
16799	4,22528,34301	2,58516
16800	4,22530,92817	2,58501

Num.	Logarithmi	Differ.
16801	4,22533,51318	2,58486
16802	4,22536,09804	2,58470
16803	4,22538,68274	2,58455
16804	4,22541,26729	2,58439
16805	4,22543,85168	2,58424
16806	4,22546,43592	2,58409
16807	4,22549,02001	2,58393
16808	4,22551,60394	2,58378
16809	4,22554,18772	2,58362
16810	4,22556,77134	2,58348
16811	4,22559,35482	2,58331
16812	4,22561,93813	2,58317
16813	4,22564,52130	2,58301
16814	4,22567,10431	2,58286
16815	4,22569,68717	2,58270
16816	4,22572,26987	2,58255
16817	4,22574,85242	2,58239
16818	4,22577,43481	2,58225
16819	4,22580,01706	2,58209
16820	4,22582,59915	2,58193
16821	4,22585,18108	2,58178
16822	4,22587,76286	2,58163
16823	4,22590,34449	2,58148
16824	4,22592,92597	2,58132
16825	4,22595,50729	2,58117
16826	4,22598,08846	2,58101
16827	4,22600,66947	2,58086
16828	4,22603,25033	2,58071
16829	4,22605,83104	2,58056
16830	4,22608,41160	2,58040
16831	4,22610,99200	2,58025
16832	4,22613,57225	2,58009
16833	4,22616,15234	2,57994
16834	4,22618,73228	2,57979
16835	4,22621,31207	2,57964
16836	4,22623,89171	2,57948
16837	4,22626,47119	2,57933
16838	4,22629,05052	2,57917
16839	4,22631,62969	2,57903
16840	4,22634,20872	2,57887
16841	4,22636,78759	2,57871
16842	4,22639,36630	2,57856
16843	4,22641,94486	2,57841
16844	4,22644,52327	2,57826
16845	4,22647,10153	2,57811
16846	4,22649,67964	2,57795
16847	4,22652,25759	2,57779
16848	4,22654,83538	2,57765
16849	4,22657,41303	2,57749
16850	4,22659,99052	2,57734

Num.	Logarithmi	Differ.
16851	4,22662,56786	2,57719
16852	4,22665,14505	2,57703
16853	4,22667,72208	2,57688
16854	4,22670,29896	2,57673
16855	4,22672,87569	2,57657
16856	4,22675,45226	2,57642
16857	4,22678,02868	2,57627
16858	4,22680,60495	2,57612
16859	4,22683,18107	2,57596
16860	4,22685,75703	2,57581
16861	4,22688,33284	2,57566
16862	4,22690,90850	2,57550
16863	4,22693,48400	2,57535
16864	4,22696,05935	2,57520
16865	4,22698,63455	2,57505
16866	4,22701,20960	2,57469
16867	4,22703,78449	2,57474
16868	4,22706,35923	2,57459
16869	4,22708,93382	2,57444
16870	4,22711,50826	2,57428
16871	4,22714,08254	2,57413
16872	4,22716,65667	2,57398
16873	4,22719,23065	2,57383
16874	4,22721,80448	2,57367
16875	4,22724,37815	2,57352
16876	4,22726,95167	2,57337
16877	4,22729,52504	2,57321
16878	4,22732,09825	2,57307
16879	4,22734,67132	2,57291
16880	4,22737,24423	2,57276
16881	4,22739,81699	2,57260
16882	4,22742,38959	2,57246
16883	4,22744,96205	2,57230
16884	4,22747,53435	2,57215
16885	4,22750,10650	2,57199
16886	4,22752,67849	2,57185
16887	4,22755,25034	2,57169
16888	4,22757,82203	2,57154
16889	4,22760,39357	2,57139
16890	4,22762,96496	2,57123
16891	4,22765,53619	2,57109
16892	4,22768,10728	2,57093
16893	4,22770,67821	2,57077
16894	4,22773,24898	2,57063
16895	4,22775,81961	2,57048
16896	4,22778,39009	2,57032
16897	4,22780,96041	2,57017
16898	4,22783,53058	2,57002
16899	4,22786,10060	2,56986
16900	4,22788,67046	2,56972

Num.	Logarithmi	Differ.
16901	4,22791,24018	2,56956
16902	4,22793,80974	2,56941
16903	4,22796,37915	2,56925
16904	4,22798,94840	2,56911
16905	4,22801,51751	2,56895
16906	4,22804,08646	2,56881
16907	4,22806,65527	2,56865
16908	4,22809,22392	2,56849
16909	4,22811,79241	2,56835
16910	4,22814,36076	2,56819
16911	4,22816,92895	2,56805
16912	4,22819,49700	2,56789
16913	4,22822,06489	2,56774
16914	4,22824,63263	2,56758
16915	4,22827,20021	2,56744
16916	4,22829,76765	2,56728
16917	4,22832,33493	2,56713
16918	4,22834,90206	2,56698
16919	4,22837,46904	2,56683
16920	4,22840,03587	2,56668
16921	4,22842,60255	2,56652
16922	4,22845,16907	2,56637
16923	4,22847,73544	2,56623
16924	4,22850,30167	2,56607
16925	4,22852,86774	2,56591
16926	4,22855,43365	2,56577
16927	4,22857,99942	2,56562
16928	4,22860,56504	2,56546
16929	4,22863,13050	2,56531
16930	4,22865,69581	2,56516
16931	4,22868,26097	2,56501
16932	4,22870,82598	2,56486
16933	4,22873,39084	2,56470
16934	4,22875,95554	2,56456
16935	4,22878,52010	2,56440
16936	4,22881,08450	2,56425
16937	4,22883,64875	2,56410
16938	4,22886,21285	2,56395
16939	4,22888,77680	2,56380
16940	4,22891,34060	2,56365
16941	4,22893,90425	2,56349
16942	4,22896,46774	2,56334
16943	4,22899,03108	2,56320
16944	4,22901,59428	2,56304
16945	4,22904,15732	2,56289
16946	4,22906,72021	2,56274
16947	4,22909,28295	2,56258
16948	4,22911,84553	2,56244
16949	4,22914,40797	2,56228
16950	4,22916,97025	2,56214

Chilias 17.

Num.	Logarithmi	Differ.
16951	4,22919,53239	2,56198
16952	4,22922,09437	2,56183
16953	4,22924,65620	2,56168
16954	4,22927,21788	2,56153
16955	4,22929,77941	2,56138
16956	4,22932,34079	2,56123
16957	4,22934,90202	2,56107
16958	4,22937,46309	2,56093
16959	4,22940,02402	2,56077
16960	4,22942,58479	2,56063
16961	4,22945,14542	2,56047
16962	4,22947,70589	2,56032
16963	4,22950,26621	2,56017
16964	4,22952,82638	2,56002
16965	4,22955,38640	2,55987
16966	4,22957,94627	2,55971
16967	4,22960,50598	2,55957
16968	4,22963,06555	2,55942
16969	4,22965,62497	2,55926
16970	4,22968,18423	2,55912
16971	4,22970,74335	2,55896
16972	4,22973,30231	2,55881
16973	4,22975,86112	2,55866
16974	4,22978,41978	2,55852
16975	4,22980,97830	2,55836
16976	4,22983,53666	2,55821
16977	4,22986,09487	2,55805
16978	4,22988,65292	2,55791
16979	4,22991,21083	2,55776
16980	4,22993,76859	2,55761
16981	4,22996,32620	2,55745
16982	4,22998,88365	2,55731
16983	4,23001,44096	2,55716
16984	4,23003,99812	2,55700
16985	4,23006,55512	2,55685
16986	4,23009,11197	2,55671
16987	4,23011,66868	2,55655
16988	4,23014,22523	2,55640
16989	4,23016,78163	2,55626
16990	4,23019,33789	2,55610
16991	4,23021,89399	2,55595
16992	4,23024,44994	2,55580
16993	4,23027,00574	2,55565
16994	4,23029,56139	2,55550
16995	4,23032,11689	2,55535
16996	4,23034,67224	2,55520
16997	4,23037,22744	2,55505
16998	4,23039,78249	2,55490
16999	4,23042,33739	2,55475
17000	4,23044,89214	2,55460

Chilias 18.

Num.	Logarithmi	Differ.
17001	4,23047,44674	2,55444
17002	4,23050,00118	2,55430
17003	4,23052,55548	2,55415
17004	4,23055,10963	2,55400
17005	4,23057,66363	2,55384
17006	4,23060,21747	2,55370
17007	4,23062,77117	2,55355
17008	4,23065,32472	2,55339
17009	4,23067,87811	2,55325
17010	4,23070,43136	2,55310
17011	4,23072,98446	2,55294
17012	4,23075,53740	2,55280
17013	4,23078,09020	2,55265
17014	4,23080,64285	2,55249
17015	4,23083,19534	2,55235
17016	4,23085,74769	2,55220
17017	4,23088,29989	2,55204
17018	4,23090,85193	2,55190
17019	4,23093,40383	2,55174
17020	4,23095,95557	2,55160
17021	4,23098,50717	2,55145
17022	4,23101,05862	2,55129
17023	4,23103,60991	2,55115
17024	4,23106,16106	2,55100
17025	4,23108,71206	2,55085
17026	4,23111,26291	2,55069
17027	4,23113,81360	2,55055
17028	4,23116,36415	2,55040
17029	4,23118,91455	2,55025
17030	4,23121,46480	2,55009
17031	4,23124,01489	2,54995
17032	4,23126,56484	2,54980
17033	4,23129,11464	2,54965
17034	4,23131,66429	2,54950
17035	4,23134,21379	2,54935
17036	4,23136,76314	2,54920
17037	4,23139,31234	2,54905
17038	4,23141,86139	2,54890
17039	4,23144,41029	2,54875
17040	4,23146,95904	2,54860
17041	4,23149,50764	2,54846
17042	4,23152,05610	2,54830
17043	4,23154,60440	2,54815
17044	4,23157,15255	2,54801
17045	4,23159,70056	2,54785
17046	4,23162,24841	2,54771
17047	4,23164,79612	2,54755
17048	4,23167,34367	2,54741
17049	4,23169,89108	2,54725
17050	4,23172,43833	2,54711

Chilias 18.

Num.	Logarithmi	Differ.
17051	4,23174,98544	2,54696
17052	4,23177,53240	2,54681
17053	4,23180,07921	2,54665
17054	4,23182,62586	2,54651
17055	4,23185,17237	2,54636
17056	4,23187,71873	2,54622
17057	4,23190,26495	2,54606
17058	4,23192,81101	2,54591
17059	4,23195,35692	2,54576
17060	4,23197,90268	2,54562
17061	4,23200,44830	2,54546
17062	4,23202,99376	2,54532
17063	4,23205,53908	2,54516
17064	4,23208,08424	2,54502
17065	4,23210,62926	2,54487
17066	4,23213,17413	2,54472
17067	4,23215,71885	2,54457
17068	4,23218,26342	2,54442
17069	4,23220,80784	2,54427
17070	4,23223,35211	2,54412
17071	4,23225,89623	2,54398
17072	4,23228,44021	2,54382
17073	4,23230,98403	2,54368
17074	4,23233,52771	2,54353
17075	4,23236,07124	2,54337
17076	4,23238,61461	2,54323
17077	4,23241,15784	2,54308
17078	4,23243,70092	2,54293
17079	4,23246,24385	2,54279
17080	4,23248,78664	2,54263
17081	4,23251,32927	2,54248
17082	4,23253,87175	2,54234
17083	4,23256,41409	2,54219
17084	4,23258,95628	2,54203
17085	4,23261,49831	2,54189
17086	4,23264,04020	2,54174
17087	4,23266,58194	2,54159
17088	4,23269,12353	2,54145
17089	4,23271,66498	2,54129
17090	4,23274,20627	2,54115
17091	4,23276,74742	2,54099
17092	4,23279,28841	2,54085
17093	4,23281,82926	2,54070
17094	4,23284,36996	2,54055
17095	4,23286,91051	2,54041
17096	4,23289,45092	2,54025
17097	4,23291,99117	2,54010
17098	4,23294,53127	2,53996
17099	4,23297,07123	2,53981
17100	4,23299,61104	2,53966

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
17101	4,23302,15070	2,53951	17151	4,23428,94469	2,53211	17201	4,23555,36959	2,52474
17102	4,23304,69021	2,53936	17152	4,23431,47680	2,53196	17202	4,23557,89433	2,52460
17103	4,23307,22957	2,53922	17153	4,23434,00876	2,53181	17203	4,23560,41893	2,52446
17104	4,23309,76879	2,53906	17154	4,23436,54057	2,53167	17204	4,23562,94339	2,52431
17105	4,23312,30785	2,53892	17155	4,23439,07224	2,53152	17205	4,23565,46770	2,52416
17106	4,23314,84677	2,53877	17156	4,23441,60376	2,53137	17206	4,23567,99186	2,52401
17107	4,23317,38554	2,53862	17157	4,23444,13513	2,53122	17207	4,23570,51587	2,52387
17108	4,23319,92416	2,53847	17158	4,23446,66635	2,53107	17208	4,23573,03974	2,52372
17109	4,23322,46263	2,53832	17159	4,23449,19742	2,53093	17209	4,23575,56346	2,52357
17110	4,23325,00095	2,53818	17160	4,23451,72835	2,53078	17210	4,23578,08703	2,52343
17111	4,23327,53913	2,53803	17161	4,23454,25913	2,53063	17211	4,23580,61046	2,52328
17112	4,23330,07716	2,53787	17162	4,23456,78976	2,53049	17212	4,23583,13374	2,52314
17113	4,23332,61503	2,53774	17163	4,23459,32025	2,53034	17213	4,23585,65688	2,52298
17114	4,23335,15277	2,53758	17164	4,23461,85059	2,53019	17214	4,23588,17986	2,52284
17115	4,23337,69035	2,53743	17165	4,23464,38078	2,53004	17215	4,23590,70270	2,52270
17116	4,23340,22778	2,53729	17166	4,23466,91082	2,52989	17216	4,23593,22540	2,52255
17117	4,23342,76507	2,53713	17167	4,23469,44071	2,52975	17217	4,23595,74795	2,52240
17118	4,23345,30220	2,53699	17168	4,23471,97046	2,52960	17218	4,23598,27035	2,52225
17119	4,23347,83919	2,53684	17169	4,23474,50006	2,52946	17219	4,23600,79260	2,52211
17120	4,23350,37603	2,53670	17170	4,23477,02952	2,52930	17220	4,23603,31471	2,52196
17121	4,23352,91273	2,53654	17171	4,23479,55882	2,52916	17221	4,23605,83667	2,52182
17122	4,23355,44927	2,53640	17172	4,23482,08798	2,52901	17222	4,23608,35849	2,52167
17123	4,23357,98567	2,53625	17173	4,23484,61699	2,52887	17223	4,23610,88016	2,52152
17124	4,23360,52192	2,53610	17174	4,23487,14586	2,52871	17224	4,23613,40168	2,52138
17125	4,23363,05802	2,53595	17175	4,23489,67457	2,52857	17225	4,23615,92306	2,52123
17126	4,23365,59397	2,53580	17176	4,23492,20314	2,52843	17226	4,23618,44429	2,52108
17127	4,23368,12977	2,53566	17177	4,23494,73157	2,52827	17227	4,23620,96537	2,52094
17128	4,23370,66543	2,53551	17178	4,23497,25984	2,52813	17228	4,23623,48631	2,52079
17129	4,23373,20094	2,53536	17179	4,23499,78797	2,52798	17229	4,23626,00710	2,52064
17130	4,23375,73630	2,53521	17180	4,23502,31595	2,52783	17230	4,23628,52774	2,52050
17131	4,23378,27151	2,53506	17181	4,23504,84378	2,52769	17231	4,23631,04824	2,52036
17132	4,23380,80657	2,53492	17182	4,23507,37147	2,52754	17232	4,23633,56860	2,52020
17133	4,23383,34149	2,53477	17183	4,23509,89901	2,52739	17233	4,23636,08880	2,52006
17134	4,23385,87626	2,53462	17184	4,23512,42640	2,52725	17234	4,23638,60886	2,51991
17135	4,23388,41088	2,53447	17185	4,23514,95365	2,52710	17235	4,23641,12877	2,51977
17136	4,23390,94535	2,53432	17186	4,23517,48075	2,52695	17236	4,23643,64854	2,51962
17137	4,23393,47967	2,53418	17187	4,23520,00770	2,52680	17237	4,23646,16816	2,51948
17138	4,23396,01385	2,53403	17188	4,23522,53450	2,52666	17238	4,23648,68764	2,51933
17139	4,23398,54788	2,53388	17189	4,23525,06116	2,52651	17239	4,23651,20697	2,51918
17140	4,23401,08176	2,53373	17190	4,23527,58767	2,52636	17240	4,23653,72615	2,51904
17141	4,23403,61549	2,53359	17191	4,23530,11403	2,52622	17241	4,23656,24519	2,51889
17142	4,23406,14908	2,53343	17192	4,23532,64025	2,52607	17242	4,23658,76408	2,51874
17143	4,23408,68251	2,53329	17193	4,23535,16632	2,52592	17243	4,23661,28282	2,51860
17144	4,23411,21580	2,53315	17194	4,23537,69224	2,52578	17244	4,23663,80142	2,51845
17145	4,23413,74895	2,53299	17195	4,23540,21802	2,52562	17245	4,23666,31987	2,51831
17146	4,23416,28194	2,53285	17196	4,23542,74364	2,52549	17246	4,23668,83818	2,51816
17147	4,23418,81479	2,53269	17197	4,23545,26913	2,52533	17247	4,23671,35634	2,51801
17148	4,23421,34748	2,53255	17198	4,23547,79446	2,52519	17248	4,23673,87435	2,51787
17149	4,23423,88003	2,53241	17199	4,23550,31965	2,52504	17249	4,23676,39222	2,51772
17150	4,23426,41244	2,53225	17200	4,23552,84469	2,52490	17250	4,23678,90994	2,51758

Num.	Logarithmi	Differ.
17251	4,23681,42752	2,51743
17252	4,23683,94495	2,51728
17253	4,23686,46223	2,51714
17254	4,23688,97937	2,51699
17255	4,23691,49636	2,51685
17256	4,23694,01321	2,51670
17257	4,23696,52991	2,51656
17258	4,23699,04647	2,51640
17259	4,23701,56287	2,51627
17260	4,23704,07914	2,51612
17261	4,23706,59526	2,51597
17262	4,23709,11123	2,51582
17263	4,23711,62705	2,51568
17264	4,23714,14273	2,51554
17265	4,23716,65827	2,51539
17266	4,23719,17366	2,51524
17267	4,23721,68890	2,51510
17268	4,23724,20400	2,51495
17269	4,23726,71895	2,51481
17270	4,23729,23376	2,51466
17271	4,23731,74842	2,51451
17272	4,23734,26293	2,51437
17273	4,23736,77730	2,51423
17274	4,23739,29153	2,51407
17275	4,23741,80560	2,51394
17276	4,23744,31954	2,51378
17277	4,23746,83332	2,51365
17278	4,23749,34697	2,51349
17279	4,23751,86046	2,51335
17280	4,23754,37381	2,51321
17281	4,23756,88702	2,51306
17282	4,23759,40008	2,51291
17283	4,23761,91299	2,51277
17284	4,23764,42576	2,51263
17285	4,23766,93839	2,51248
17286	4,23769,45087	2,51233
17287	4,23771,96320	2,51219
17288	4,23774,47539	2,51204
17289	4,23776,98743	2,51190
17290	4,23779,49933	2,51175
17291	4,23782,01108	2,51161
17292	4,23784,52269	2,51146
17293	4,23787,03415	2,51131
17294	4,23789,54546	2,51118
17295	4,23792,05664	2,51102
17296	4,23794,56766	2,51088
17297	4,23797,07854	2,51074
17298	4,23799,58928	2,51059
17299	4,23802,09987	2,51044
17300	4,23804,61031	2,51030

Chilias 18.

Num.	Logarithmi	Differ.
17301	4,23807,12061	2,51016
17302	4,23809,63077	2,51001
17303	4,23812,14078	2,50986
17304	4,23814,65064	2,50972
17305	4,23817,16036	2,50958
17306	4,23819,66994	2,50943
17307	4,23822,17937	2,50928
17308	4,23824,68865	2,50914
17309	4,23827,19779	2,50900
17310	4,23829,70679	2,50885
17311	4,23832,21564	2,50870
17312	4,23834,72434	2,50856
17313	4,23837,23290	2,50842
17314	4,23839,74132	2,50827
17315	4,23842,24959	2,50812
17316	4,23844,75771	2,50798
17317	4,23847,26569	2,50784
17318	4,23849,77353	2,50769
17319	4,23852,28122	2,50755
17320	4,23854,78877	2,50740
17321	4,23857,29617	2,50726
17322	4,23859,80343	2,50711
17323	4,23862,31054	2,50697
17324	4,23864,81751	2,50682
17325	4,23867,32433	2,50668
17326	4,23869,83101	2,50653
17327	4,23872,33754	2,50639
17328	4,23874,84393	2,50624
17329	4,23877,35017	2,50610
17330	4,23879,85627	2,50596
17331	4,23882,36223	2,50581
17332	4,23884,86804	2,50566
17333	4,23887,37370	2,50552
17334	4,23889,87922	2,50538
17335	4,23892,38460	2,50523
17336	4,23894,88983	2,50509
17337	4,23897,39492	2,50494
17338	4,23899,89986	2,50480
17339	4,23902,40466	2,50465
17340	4,23904,90931	2,50451
17341	4,23907,41382	2,50437
17342	4,23909,91819	2,50422
17343	4,23912,42241	2,50408
17344	4,23914,92649	2,50393
17345	4,23917,43042	2,50379
17346	4,23919,93421	2,50364
17347	4,23922,43785	2,50350
17348	4,23924,94135	2,50335
17349	4,23927,44470	2,50321
17350	4,23929,94791	2,50307

Chilias 18.

Num.	Logarithmi	Differ.
17351	4,23932,45098	2,50292
17352	4,23934,95390	2,50278
17353	4,23937,45668	2,50263
17354	4,23939,95931	2,50249
17355	4,23942,46180	2,50235
17356	4,23944,96415	2,50220
17357	4,23947,46635	2,50205
17358	4,23949,96840	2,50192
17359	4,23952,47032	2,50176
17360	4,23954,97208	2,50163
17361	4,23957,47371	2,50148
17362	4,23959,97519	2,50133
17363	4,23962,47652	2,50120
17364	4,23964,97772	2,50104
17365	4,23967,47876	2,50091
17366	4,23969,97967	2,50076
17367	4,23972,48043	2,50061
17368	4,23974,98104	2,50048
17369	4,23977,48152	2,50032
17370	4,23979,98184	2,50019
17371	4,23982,48203	2,50004
17372	4,23984,98207	2,49990
17373	4,23987,48197	2,49975
17374	4,23989,98172	2,49961
17375	4,23992,48133	2,49946
17376	4,23994,98079	2,49932
17377	4,23997,48011	2,49918
17378	4,23999,97929	2,49903
17379	4,24002,47832	2,49889
17380	4,24004,97721	2,49875
17381	4,24007,47596	2,49860
17382	4,24009,97456	2,49846
17383	4,24012,47302	2,49831
17384	4,24014,97133	2,49817
17385	4,24017,46950	2,49803
17386	4,24019,96753	2,49788
17387	4,24022,46541	2,49774
17388	4,24024,96315	2,49760
17389	4,24027,46075	2,49745
17390	4,24029,95820	2,49731
17391	4,24032,45551	2,49716
17392	4,24034,95267	2,49703
17393	4,24037,44970	2,49687
17394	4,24039,94657	2,49674
17395	4,24042,44331	2,49659
17396	4,24044,93990	2,49645
17397	4,24047,43635	2,49630
17398	4,24049,93265	2,49616
17399	4,24052,42881	2,49602
17400	4,24054,92483	2,49587

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
17401	4,24057,42070	2,49573	17451	4,24182,03185	2,48858	17501	4,24306,28648	2,48147
17402	4,24059,91643	2,49559	17452	4,24184,52043	2,48844	17502	4,24308,76795	2,48133
17403	4,24062,41202	2,49544	17453	4,24187,00887	2,48829	17503	4,24311,24928	2,48119
17404	4,24064,90746	2,49530	17454	4,24189,49716	2,48816	17504	4,24313,73047	2,48104
17405	4,24067,40276	2,49516	17455	4,24191,98532	2,48800	17505	4,24316,21151	2,48090
17406	4,24069,89792	2,49501	17456	4,24194,47332	2,48787	17506	4,24318,69241	2,48076
17407	4,24072,39293	2,49487	17457	4,24196,96119	2,48773	17507	4,24321,17317	2,48062
17408	4,24074,88780	2,49473	17458	4,24199,44892	2,48758	17508	4,24323,65379	2,48048
17409	4,24077,38253	2,49458	17459	4,24201,93650	2,48734	17509	4,24326,23427	2,48034
17410	4,24079,87711	2,49444	17460	4,24204,42394	2,48729	17510	4,24328,61461	2,48019
17411	4,24082,37155	2,49430	17461	4,24206,91123	2,48716	17511	4,24331,09480	2,48006
17412	4,24084,86585	2,49415	17462	4,24209,39839	2,48701	17512	4,24333,57486	2,47991
17413	4,24087,36000	2,49401	17463	4,24211,88540	2,48687	17513	4,24336,05477	2,47977
17414	4,24089,85401	2,49387	17464	4,24214,37227	2,48673	17514	4,24338,53454	2,47963
17415	4,24092,34788	2,49372	17465	4,24216,85900	2,48658	17515	4,24341,01417	2,47948
17416	4,24094,84160	2,49358	17466	4,24219,34558	2,48644	17516	4,24343,49365	2,47935
17417	4,24097,33518	2,49344	17467	4,24221,83202	2,48630	17517	4,24345,97300	2,47920
17418	4,24099,82862	2,49330	17468	4,24224,31832	2,48616	17518	4,24348,45220	2,47906
17419	4,24102,32192	2,49315	17469	4,24226,80448	2,48602	17519	4,24350,93126	2,47892
17420	4,24104,81507	2,49301	17470	4,24229,29050	2,48587	17520	4,24353,41018	2,47878
17421	4,24107,30808	2,49286	17471	4,24231,77637	2,48573	17521	4,24355,88896	2,47864
17422	4,24109,80094	2,49272	17472	4,24234,26210	2,48559	17522	4,24358,36760	2,47850
17423	4,24112,29366	2,49258	17473	4,24236,74769	2,48545	17523	4,24360,84610	2,47835
17424	4,24114,78624	2,49244	17474	4,24239,23314	2,48530	17524	4,24363,32445	2,47821
17425	4,24117,27868	2,49229	17475	4,24241,71844	2,48516	17525	4,24365,80266	2,47808
17426	4,24119,77097	2,49215	17476	4,24244,20360	2,48502	17526	4,24368,28074	2,47793
17427	4,24122,26312	2,49201	17477	4,24246,68862	2,48488	17527	4,24370,75867	2,47779
17428	4,24124,75513	2,49186	17478	4,24249,17350	2,48474	17528	4,24373,23646	2,47764
17429	4,24127,24699	2,49172	17479	4,24251,65824	2,48459	17529	4,24375,71410	2,47751
17430	4,24129,73871	2,49158	17480	4,24254,14283	2,48445	17530	4,24378,19161	2,47736
17431	4,24132,23029	2,49143	17481	4,24256,62728	2,48431	17531	4,24380,66897	2,47723
17432	4,24134,72172	2,49130	17482	4,24259,11159	2,48417	17532	4,24383,14620	2,47708
17433	4,24137,21302	2,49114	17483	4,24261,59576	2,48402	17533	4,24385,62328	2,47694
17434	4,24139,70416	2,49101	17484	4,24264,07978	2,48388	17534	4,24388,10022	2,47680
17435	4,24142,19517	2,49086	17485	4,24266,56366	2,48375	17535	4,24390,57702	2,47666
17436	4,24144,68603	2,49073	17486	4,24269,04741	2,48359	17536	4,24393,05368	2,47652
17437	4,24147,17676	2,49057	17487	4,24271,53100	2,48346	17537	4,24395,53020	2,47637
17438	4,24149,66733	2,49044	17488	4,24274,01446	2,48332	17538	4,24398,00657	2,47624
17439	4,24152,15777	2,49029	17489	4,24276,49778	2,48317	17539	4,24400,48281	2,47609
17440	4,24154,64806	2,49015	17490	4,24278,98095	2,48303	17540	4,24402,95890	2,47596
17441	4,24157,13821	2,49001	17491	4,24281,46398	2,48289	17541	4,24405,43486	2,47581
17442	4,24159,62822	2,48986	17492	4,24283,94687	2,48274	17542	4,24407,91067	2,47567
17443	4,24162,11808	2,48972	17493	4,24286,42961	2,48261	17543	4,24410,38634	2,47553
17444	4,24164,60780	2,48958	17494	4,24288,91222	2,48246	17544	4,24412,86187	2,47539
17445	4,24167,09738	2,48943	17495	4,24291,39468	2,48232	17545	4,24415,33726	2,47524
17446	4,24169,58681	2,48930	17496	4,24293,87700	2,48218	17546	4,24417,81250	2,47511
17447	4,24172,07611	2,48915	17497	4,24296,35918	2,48204	17547	4,24420,28761	2,47496
17448	4,24174,56526	2,48900	17498	4,24298,84122	2,48189	17548	4,24422,76257	2,47483
17449	4,24177,05426	2,48887	17499	4,24301,32311	2,48176	17549	4,24425,23740	2,47468
17450	4,24179,54313	2,48872	17500	4,24303,80487	2,48161	17550	4,24427,71208	2,47454

Num.	Logarithmi	Differ.
17551	4,24430,18662	2,47440
17552	4,24432,66102	2,47426
17553	4,24435,13528	2,47412
17554	4,24437,60940	2,47398
17555	4,24440,08338	2,47384
17556	4,24442,55722	2,47369
17557	4,24445,03091	2,47356
17558	4,24447,50447	2,47341
17559	4,24449,97788	2,47328
17560	4,24452,45116	2,47313
17561	4,24454,92429	2,47299
17562	4,24457,39728	2,47285
17563	4,24459,87013	2,47271
17564	4,24462,34284	2,47257
17565	4,24464,81541	2,47243
17566	4,24467,28784	2,47229
17567	4,24469,76013	2,47215
17568	4,24472,23228	2,47200
17569	4,24474,70428	2,47187
17570	4,24477,17615	2,47172
17571	4,24479,64787	2,47159
17572	4,24482,11946	2,47144
17573	4,24484,59090	2,47131
17574	4,24487,06221	2,47116
17575	4,24489,53337	2,47102
17576	4,24492,00439	2,47088
17577	4,24494,47527	2,47074
17578	4,24496,94601	2,47060
17579	4,24499,41661	2,47046
17580	4,24501,88707	2,47032
17581	4,24504,35739	2,47018
17582	4,24506,82757	2,47004
17583	4,24509,29761	2,46990
17584	4,24511,76751	2,46976
17585	4,24514,23727	2,46961
17586	4,24516,70688	2,46948
17587	4,24519,17636	2,46933
17588	4,24521,64569	2,46920
17589	4,24524,11489	2,46906
17590	4,24526,58395	2,46891
17591	4,24529,05286	2,46878
17592	4,24531,52164	2,46863
17593	4,24533,99027	2,46849
17594	4,24536,45876	2,46836
17595	4,24538,92712	2,46821
17596	4,24541,39533	2,46807
17597	4,24543,86340	2,46794
17598	4,24546,33134	2,46779
17599	4,24548,79913	2,46765
17600	4,24551,26678	2,46751

Chilias 18.

Num.	Logarithmi	Differ.
17601	4,24553,73429	2,46738
17602	4,24556,20167	2,46723
17603	4,24558,66890	2,46709
17604	4,24561,13599	2,46695
17605	4,24563,60294	2,46681
17606	4,24566,06975	2,46667
17607	4,24568,53642	2,46653
17608	4,24571,00295	2,46640
17609	4,24573,46935	2,46625
17610	4,24575,93560	2,46611
17611	4,24578,40171	2,46597
17612	4,24580,86768	2,46583
17613	4,24583,33351	2,46569
17614	4,24585,79920	2,46555
17615	4,24588,26475	2,46541
17616	4,24590,73016	2,46527
17617	4,24593,19543	2,46514
17618	4,24595,66057	2,46499
17619	4,24598,12556	2,46485
17620	4,24600,59041	2,46471
17621	4,24603,05512	2,46457
17622	4,24605,51969	2,46443
17623	4,24607,98412	2,46429
17624	4,24610,44841	2,46416
17625	4,24612,91257	2,46401
17626	4,24615,37658	2,46387
17627	4,24617,84045	2,46373
17628	4,24620,30418	2,46360
17629	4,24622,76778	2,46345
17630	4,24625,23123	2,46331
17631	4,24627,69454	2,46318
17632	4,24630,15772	2,46303
17633	4,24632,62075	2,46290
17634	4,24635,08365	2,46275
17635	4,24637,54640	2,46262
17636	4,24640,00902	2,46247
17637	4,24642,47149	2,46234
17638	4,24644,93383	2,46219
17639	4,24647,39602	2,46206
17640	4,24649,85808	2,46192
17641	4,24652,32000	2,46177
17642	4,24654,78177	2,46164
17643	4,24657,24341	2,46150
17644	4,24659,70491	2,46136
17645	4,24662,16627	2,46121
17646	4,24664,62748	2,46108
17647	4,24667,08856	2,46094
17648	4,24669,54950	2,46080
17649	4,24672,01030	2,46067
17650	4,24674,47097	2,46052

Chilias 18.

Num.	Logarithmi	Differ.
17651	4,24676,93149	2,46039
17652	4,24679,39188	2,46024
17653	4,24681,85212	2,46011
17654	4,24684,31223	2,45996
17655	4,24686,77219	2,45983
17656	4,24689,23202	2,45968
17657	4,24691,69170	2,45955
17658	4,24694,15125	2,45941
17659	4,24696,61066	2,45926
17660	4,24699,06992	2,45913
17661	4,24701,52905	2,45899
17662	4,24703,98804	2,45885
17663	4,24706,44689	2,45871
17664	4,24708,90560	2,45858
17665	4,24711,36418	2,45843
17666	4,24713,82261	2,45829
17667	4,24716,28090	2,45816
17668	4,24718,73906	2,45801
17669	4,24721,19707	2,45788
17670	4,24723,65495	2,45774
17671	4,24726,11269	2,45760
17672	4,24728,57029	2,45746
17673	4,24731,02775	2,45732
17674	4,24733,48507	2,45718
17675	4,24735,94225	2,45704
17676	4,24738,39929	2,45690
17677	4,24740,85619	2,45677
17678	4,24743,31296	2,45662
17679	4,24745,76958	2,45649
17680	4,24748,22607	2,45634
17681	4,24750,68241	2,45621
17682	4,24753,13862	2,45607
17683	4,24755,59469	2,45593
17684	4,24758,05062	2,45580
17685	4,24760,50642	2,45565
17686	4,24762,96207	2,45551
17687	4,24765,41758	2,45538
17688	4,24767,87296	2,45523
17689	4,24770,32819	2,45510
17690	4,24772,78329	2,45496
17691	4,24775,23825	2,45482
17692	4,24777,69307	2,45468
17693	4,24780,14775	2,45454
17694	4,24782,60229	2,45441
17695	4,24785,05670	2,45426
17696	4,24787,51096	2,45413
17697	4,24789,96509	2,45399
17698	4,24792,41908	2,45385
17699	4,24794,87293	2,45371
17700	4,24797,32664	2,45357

Num.	Logarithmi	Differ.
17701	4,24799,78021	2,45343
17702	4,24802,23364	2,45330
17703	4,24804,68694	2,45315
17704	4,24807,14009	2,45302
17705	4,24809,59311	2,45288
17706	4,24812,04599	2,45274
17707	4,24814,49873	2,45260
17708	4,24816,95133	2,45246
17709	4,24819,40379	2,45233
17710	4,24821,85612	2,45219
17711	4,24824,30831	2,45204
17712	4,24826,76035	2,45191
17713	4,24829,21226	2,45177
17714	4,24831,66403	2,45164
17715	4,24834,11567	2,45149
17716	4,24836,56716	2,45136
17717	4,24839,01852	2,45121
17718	4,24841,46973	2,45108
17719	4,24843,92081	2,45095
17720	4,24846,37176	2,45080
17721	4,24848,82256	2,45066
17722	4,24851,27322	2,45053
17723	4,24853,72375	2,45039
17724	4,24856,17414	2,45025
17725	4,24858,62439	2,45011
17726	4,24861,07450	2,44997
17727	4,24863,52447	2,44983
17728	4,24865,97430	2,44970
17729	4,24868,42400	2,44956
17730	4,24870,87356	2,44942
17731	4,24873,32298	2,44928
17732	4,24875,77226	2,44915
17733	4,24878,22141	2,44900
17734	4,24880,67041	2,44887
17735	4,24883,11928	2,44873
17736	4,24885,56801	2,44859
17737	4,24888,01660	2,44846
17738	4,24890,46506	2,44831
17739	4,24892,91337	2,44818
17740	4,24895,36155	2,44804
17741	4,24897,80959	2,44790
17742	4,24900,25749	2,44776
17743	4,24902,70525	2,44763
17744	4,24905,15288	2,44749
17745	4,24907,60037	2,44735
17746	4,24910,04772	2,44721
17747	4,24912,49493	2,44707
17748	4,24914,94200	2,44694
17749	4,24917,38894	2,44680
17750	4,24919,83574	2,44666

Num.	Logarithmi	Differ.
17751	4,24922,28240	2,44652
17752	4,24924,72892	2,44639
17753	4,24927,17531	2,44624
17754	4,24929,62155	2,44611
17755	4,24932,06766	2,44598
17756	4,24934,51364	2,44583
17757	4,24936,95947	2,44570
17758	4,24939,40517	2,44555
17759	4,24941,85072	2,44542
17760	4,24944,29614	2,44529
17761	4,24946,74143	2,44514
17762	4,24949,18657	2,44501
17763	4,24951,63158	2,44487
17764	4,24954,07645	2,44473
17765	4,24956,52118	2,44460
17766	4,24958,96578	2,44445
17767	4,24961,41023	2,44432
17768	4,24963,85455	2,44419
17769	4,24966,29874	2,44404
17770	4,24968,74278	2,44391
17771	4,24971,18669	2,44377
17772	4,24973,63046	2,44363
17773	4,24978,07409	2,44349
17774	4,24978,51758	2,44336
17775	4,24980,96094	2,44322
17776	4,24983,40416	2,44308
17777	4,24985,84724	2,44295
17778	4,24988,29019	2,44280
17779	4,24990,73299	2,44267
17780	4,24993,17556	2,44254
17781	4,24995,61820	2,44239
17782	4,24998,06059	2,44226
17783	4,25000,50285	2,44212
17784	4,25002,94497	2,44198
17785	4,25005,38695	2,44185
17786	4,25007,82880	2,44171
17787	4,25010,27051	2,44157
17788	4,25012,71208	2,44143
17789	4,25015,15351	2,44130
17790	4,25017,59481	2,44116
17791	4,25020,03597	2,44102
17792	4,25022,47699	2,44089
17793	4,25024,91788	2,44074
17794	4,25027,35862	2,44061
17795	4,25029,79923	2,44048
17796	4,25032,23971	2,44033
17797	4,25034,68004	2,44020
17798	4,25037,12024	2,44007
17799	4,25039,56031	2,43992
17800	4,25042,00023	2,43979

Num.	Logarithmi	Differ.
17801	4,25044,44002	2,43965
17802	4,25046,87967	2,43951
17803	4,25049,31918	2,43938
17804	4,25051,75856	2,43924
17805	4,25054,19780	2,43910
17806	4,25056,63690	2,43897
17807	4,25059,07587	2,43883
17808	4,25061,51470	2,43869
17809	4,25063,95339	2,43856
17810	4,25066,39195	2,43841
17811	4,25068,83036	2,43829
17812	4,25071,26865	2,43814
17813	4,25073,70679	2,43801
17814	4,25076,14480	2,43787
17815	4,25078,58267	2,43773
17816	4,25081,02040	2,43760
17817	4,25083,45800	2,43746
17818	4,25085,89546	2,43732
17819	4,25088,33278	2,43719
17820	4,25090,76997	2,43705
17821	4,25093,20702	2,43691
17822	4,25095,64393	2,43678
17823	4,25098,08071	2,43664
17824	4,25100,51735	2,43650
17825	4,25102,95385	2,43637
17826	4,25105,39022	2,43623
17827	4,25107,82645	2,43609
17828	4,25110,26254	2,43596
17829	4,25112,69850	2,43582
17830	4,25115,13432	2,43568
17831	4,25117,57000	2,43555
17832	4,25120,00555	2,43541
17833	4,25122,44096	2,43527
17834	4,25124,87623	2,43514
17835	4,25127,31137	2,43500
17836	4,25129,74637	2,43486
17837	4,25132,18123	2,43473
17838	4,25134,61596	2,43459
17839	4,25137,05055	2,43445
17840	4,25139,48500	2,43432
17841	4,25141,91932	2,43418
17842	4,25144,35350	2,43405
17843	4,25146,78755	2,43391
17844	4,25149,22146	2,43377
17845	4,25151,65523	2,43363
17846	4,25154,08886	2,43350
17847	4,25156,52236	2,43337
17848	4,25158,95573	2,43322
17849	4,25161,38895	2,43309
17850	4,25163,82204	2,43296

 Chilias 18. Chilias 18.

Num.	Logarithmi	Differ.
17851	4,25166,25500	2,43282
17852	4,25168,68782	2,43268
17853	4,25171,12050	2,43254
17854	4,25173,55304	2,43241
17855	4,25175,98545	2,43228
17856	4,25178,41773	2,43213
17857	4,25180,84986	2,43200
17858	4,25183,28186	2,43187
17859	4,25185,71373	2,43173
17860	4,25188,14546	2,43159
17861	4,25190,57705	2,43145
17862	4,25193,00850	2,43132
17863	4,25195,43982	2,43119
17864	4,25197,87101	2,43104
17865	4,25200,30205	2,43092
17866	4,25202,73297	2,43077
17867	4,25205,16374	2,43064
17868	4,25207,59438	2,43050
17869	4,25210,02488	2,43037
17870	4,25212,45525	2,43023
17871	4,25214,88548	2,43010
17872	4,25217,31558	2,42996
17873	4,25219,74554	2,42982
17874	4,25222,17536	2,42969
17875	4,25224,60505	2,42955
17876	4,25227,03460	2,42941
17877	4,25229,46401	2,42928
17878	4,25231,89329	2,42915
17879	4,25234,32244	2,42901
17880	4,25236,75145	2,42887
17881	4,25239,18032	2,42873
17882	4,25241,60905	2,42860
17883	4,25244,03765	2,42847
17884	4,25246,46612	2,42833
17885	4,25248,89445	2,42819
17886	4,25251,32264	2,42806
17887	4,25253,75070	2,42792
17888	4,25256,17862	2,42779
17889	4,25258,60641	2,42765
17890	4,25261,03406	2,42751
17891	4,25263,46157	2,42738
17892	4,25265,88895	2,42724
17893	4,25268,31619	2,42711
17894	4,25270,74330	2,42697
17895	4,25273,17027	2,42684
17896	4,25275,59711	2,42670
17897	4,25278,02381	2,42656
17898	4,25280,45037	2,42643
17899	4,25282,87680	2,42630
17900	4,25285,30310	2,42616
17901	4,25287,72926	2,42602
17902	4,25290,15528	2,42589
17903	4,25292,58117	2,42575
17904	4,25295,00692	2,42561
17905	4,25297,43253	2,42549
17906	4,25299,85802	2,42534
17907	4,25302,28336	2,42521
17908	4,25304,70857	2,42508
17909	4,25307,13365	2,42493
17910	4,25309,55858	2,42481
17911	4,25311,98339	2,42467
17912	4,25314,40806	2,42453
17913	4,25316,83259	2,42440
17914	4,25319,25699	2,42426
17915	4,25321,68125	2,42413
17916	4,25324,10538	2,42399
17917	4,25326,52937	2,42386
17918	4,25328,95323	2,42322
17919	4,25331,37695	2,42358
17920	4,25333,80053	2,42345
17921	4,25336,22398	2,42332
17922	4,25338,64730	2,42318
17923	4,25341,07048	2,42304
17924	4,25343,49352	2,42291
17925	4,25345,91643	2,42278
17926	4,25348,33921	2,42264
17927	4,25350,76185	2,42250
17928	4,25353,18435	2,42237
17929	4,25355,60672	2,42224
17930	4,25358,02896	2,42210
17931	4,25360,45106	2,42196
17932	4,25362,87302	2,42183
17933	4,25365,29485	2,42169
17934	4,25367,71654	2,42156
17935	4,25370,13810	2,42143
17936	4,25372,55953	2,42128
17937	4,25374,98081	2,42116
17938	4,25377,40197	2,42102
17939	4,25379,82299	2,42088
17940	4,25382,24387	2,42075
17941	4,25384,66462	2,42061
17942	4,25387,08523	2,42048
17943	4,25389,50571	2,42035
17944	4,25391,92606	2,42021
17945	4,25394,34627	2,42007
17946	4,25396,76634	2,41994
17947	4,25399,18628	2,41981
17948	4,25401,60609	2,41967
17949	4,25404,02576	2,41953
17950	4,25406,44529	2,41940
17951	4,25408,86469	2,41927
17952	4,25411,28396	2,41913
17953	4,25413,70309	2,41899
17954	4,25416,12208	2,41887
17955	4,25418,54095	2,41872
17956	4,25420,95967	2,41860
17957	4,25423,37827	2,41845
17958	4,25425,79672	2,41833
17959	4,25428,21505	2,41818
17960	4,25430,63323	2,41806
17961	4,25433,05129	2,41792
17962	4,25435,46921	2,41778
17963	4,25437,88699	2,41765
17964	4,25440,30464	2,41751
17965	4,25442,72215	2,41738
17966	4,25445,13953	2,41725
17967	4,25447,55678	2,41711
17968	4,25449,97389	2,41698
17969	4,25452,39087	2,41684
17970	4,25454,80771	2,41671
17971	4,25457,22442	2,41657
17972	4,25459,64099	2,41644
17973	4,25462,05743	2,41631
17974	4,25464,47374	2,41617
17975	4,25466,88991	2,41603
17976	4,25469,30594	2,41590
17977	4,25471,72184	2,41577
17978	4,25474,13761	2,41563
17979	4,25476,55324	2,41550
17980	4,25478,96874	2,41536
17981	4,25481,38410	2,41523
17982	4,25483,79933	2,41510
17983	4,25486,21443	2,41496
17984	4,25488,62939	2,41483
17985	4,25491,04422	2,41469
17986	4,25493,45891	2,41456
17987	4,25495,87347	2,41442
17988	4,25498,28789	2,41429
17989	4,25500,70218	2,41415
17990	4,25503,11633	2,41403
17991	4,25505,53036	2,41388
17992	4,25507,94424	2,41376
17993	4,25510,35800	2,41361
17994	4,25512,77161	2,41349
17995	4,25515,18510	2,41335
17996	4,25517,59845	2,41342
17997	4,25520,01167	2,41308
17998	4,25522,42475	2,41295
17999	4,25524,83770	2,41281
18000	4,25527,25051	2,41268

Num.	Logarithmi	Differ.
18001	4,25529,66319	2,41255
18002	4,25532,07574	2,41241
18003	4,25534,48815	2,41228
18004	4,25536,90043	2,41214
18005	4,25539,31257	2,41201
18006	4,25541,72458	2,41188
18007	4,25544,13646	2,41174
18008	4,25546,54820	2,41161
18009	4,25548,95981	2,41147
18010	4,25551,37128	2,41134
18011	4,25553,78262	2,41121
18012	4,25556,19383	2,41107
18013	4,25558,60490	2,41094
18014	4,25561,01584	2,41081
18015	4,25563,42665	2,41067
18016	4,25565,83732	2,41053
18017	4,25568,24785	2,41041
18018	4,25570,65826	2,41027
18019	4,25573,06853	2,41013
18020	4,25575,47866	2,41001
18021	4,25577,88867	2,40987
18022	4,25580,29854	2,40973
18023	4,25582,70827	2,40960
18024	4,25585,11787	2,40947
18025	4,25587,52734	2,40933
18026	4,25589,93667	2,40920
18027	4,25592,34587	2,40907
18028	4,25594,75494	2,40893
18029	4,25597,16387	2,40880
18030	4,25599,57267	2,40867
18031	4,25601,98134	2,40853
18032	4,25604,38987	2,40840
18033	4,25606,79827	2,40826
18034	4,25609,20653	2,40814
18035	4,25611,61467	2,40799
18036	4,25614,02266	2,40787
18037	4,25616,43053	2,40773
18038	4,25618,83826	2,40760
18039	4,25621,24586	2,40746
18040	4,25623,65332	2,40733
18041	4,25626,06065	2,40720
18042	4,25628,46785	2,40706
18043	4,25630,87491	2,40693
18044	4,25633,28184	2,40680
18045	4,25635,68864	2,40666
18046	4,25638,09530	2,40653
18047	4,25640,50183	2,40640
18048	4,25642,90823	2,40626
18049	4,25645,31449	2,40613
18050	4,25647,72062	2,40600

Chilias 19.

Num.	Logarithmi	Differ.
18051	4,25650,12662	2,40586
18052	4,25652,53248	2,40574
18053	4,25654,93822	2,40559
18054	4,25657,34381	2,40547
18055	4,25659,74928	2,40533
18056	4,25662,15461	2,40519
18057	4,25664,55980	2,40507
18058	4,25666,96487	2,40493
18059	4,25669,36980	2,40480
18060	4,25671,77460	2,40466
18061	4,25674,17926	2,40453
18062	4,25676,58379	2,40440
18063	4,25678,98819	2,40427
18064	4,25681,39246	2,40413
18065	4,25683,79659	2,40400
18066	4,25686,20059	2,40387
18067	4,25688,60446	2,40373
18068	4,25691,00819	2,40360
18069	4,25693,41179	2,40347
18070	4,25695,81526	2,40333
18071	4,25698,21859	2,40320
18072	4,25700,62179	2,40307
18073	4,25703,02486	2,40293
18074	4,25705,42779	2,40281
18075	4,25707,83060	2,40267
18076	4,25710,23327	2,40253
18077	4,25712,63580	2,40241
18078	4,25715,03821	2,40227
18079	4,25717,44048	2,40213
18080	4,25719,84261	2,40201
18081	4,25722,24462	2,40187
18082	4,25724,64649	2,40174
18083	4,25727,04823	2,40161
18084	4,25729,44984	2,40147
18085	4,25731,85131	2,40134
18086	4,25734,25265	2,40121
18087	4,25736,65386	2,40107
18088	4,25739,05493	2,40095
18089	4,25741,45588	2,40081
18090	4,25743,85669	2,40067
18091	4,25746,25736	2,40055
18092	4,25748,65791	2,40041
18093	4,25751,05832	2,40028
18094	4,25753,45860	2,40014
18095	4,25755,85874	2,40002
18096	4,25758,25876	2,39988
18097	4,25760,65864	2,39975
18098	4,25763,05839	2,39961
18099	4,25765,45800	2,39949
18100	4,25767,85749	2,39935

Chilias 19.

Num.	Logarithmi	Differ.
18101	4,25770,25684	2,39922
18102	4,25772,65606	2,39908
18103	4,25775,05514	2,39895
18104	4,25777,45409	2,39883
18105	4,25779,85292	2,39868
18106	4,25782,25160	2,39856
18107	4,25784,65016	2,39842
18108	4,25787,04858	2,39829
18109	4,25789,44687	2,39816
18110	4,25791,84503	2,39803
18111	4,25794,24306	2,39789
18112	4,25796,64095	2,39776
18113	4,25799,03871	2,39763
18114	4,25801,43634	2,39750
18115	4,25803,83384	2,39736
18116	4,25806,23120	2,39723
18117	4,25808,62843	2,39711
18118	4,25811,02553	2,39697
18119	4,25813,42250	2,39683
18120	4,25815,81933	2,39671
18121	4,25818,21604	2,39657
18122	4,25820,61261	2,39643
18123	4,25823,00904	2,39631
18124	4,25825,40535	2,39617
18125	4,25827,80152	2,39605
18126	4,25830,19757	2,39590
18127	4,25832,59347	2,39578
18128	4,25834,98925	2,39565
18129	4,25837,38490	2,39551
18130	4,25839,78041	2,39538
18131	4,25842,17579	2,39525
18132	4,25844,57104	2,39512
18133	4,25846,96616	2,39498
18134	4,25849,36114	2,39485
18135	4,25851,75599	2,39472
18136	4,25854,15071	2,39459
18137	4,25856,54530	2,39446
18138	4,25858,93976	2,39432
18139	4,25861,33408	2,39419
18140	4,25863,72827	2,39406
18141	4,25866,12233	2,39393
18142	4,25868,51626	2,39380
18143	4,25870,91006	2,39366
18144	4,25873,30372	2,39353
18145	4,25875,69725	2,39340
18146	4,25878,09065	2,39327
18147	4,25880,48392	2,39314
18148	4,25882,87706	2,39300
18149	4,25885,27006	2,39288
18150	4,25887,66294	2,39274

Num.	Logarithmi	Differ.
18151	4,25890,05568	2,39261
18152	4,25892,44829	2,39248
18153	4,25894,84077	2,39234
18154	4,25897,23311	2,39221
18155	4,25899,62532	2,39209
18156	4,25902,01741	2,39195
18157	4,25904,40936	2,39182
18158	4,25906,80118	2,39168
18159	4,25909,19286	2,39156
18160	4,25911,58442	2,39142
18161	4,25913,97584	2,39129
18162	4,25916,36713	2,39116
18163	4,25918,75829	2,39103
18164	4,25921,14932	2,39090
18165	4,25923,54022	2,39077
18166	4,25925,93099	2,39063
18167	4,25928,32162	2,39050
18168	4,25930,71212	2,39037
18169	4,25933,10249	2,39024
18170	4,25935,49273	2,39011
18171	4,25937,88284	2,38997
18172	4,25940,27281	2,38985
18173	4,25942,66266	2,38971
18174	4,25945,05237	2,38958
18175	4,25947,44195	2,38945
18176	4,25949,83140	2,38932
18177	4,25952,22072	2,38919
18178	4,25954,60991	2,38905
18179	4,25956,99896	2,38893
18180	4,25959,38789	2,38879
18181	4,25961,77668	2,38866
18182	4,25964,16534	2,38853
18183	4,25966,55387	2,38840
18184	4,25968,94227	2,38827
18185	4,25971,33054	2,38814
18186	4,25973,71868	2,38800
18187	4,25976,10668	2,38787
18188	4,25978,49455	2,38775
18189	4,25980,88230	2,38761
18190	4,25983,26991	2,38748
18191	4,25985,65739	2,38734
18192	4,25988,04473	2,38722
18193	4,25990,43195	2,38709
18194	4,25992,81904	2,38695
18195	4,25995,20599	2,38683
18196	4,25997,59282	2,38669
18197	4,25999,97951	2,38656
18198	4,26002,36607	2,38643
18199	4,26004,75250	2,38630
18200	4,26007,13880	2,38617

Num.	Logarithmi	Differ.
18201	4,26009,52497	2,38603
18202	4,26011,91100	2,38591
18203	4,26014,29691	2,38577
18204	4,26016,68268	2,38565
18205	4,26019,06833	2,38551
18206	4,26021,45384	2,38538
18207	4,26023,83922	2,38525
18208	4,26026,22447	2,38512
18209	4,26028,60959	2,38499
18210	4,26030,99458	2,38486
18211	4,26033,37944	2,38472
18212	4,26035,76416	2,38460
18213	4,26038,14876	2,38446
18214	4,26040,53322	2,38434
18215	4,26042,91756	2,38420
18216	4,26045,30176	2,38407
18217	4,26047,68583	2,38394
18218	4,26050,06977	2,38381
18219	4,26052,45358	2,38368
18220	4,26054,83726	2,38355
18221	4,26057,22081	2,38342
18222	4,26059,60423	2,38329
18223	4,26061,98752	2,38315
18224	4,26064,37067	2,38303
18225	4,26066,75370	2,38289
18226	4,26069,13659	2,38277
18227	4,26071,51936	2,38263
18228	4,26073,90199	2,38250
18229	4,26076,28449	2,38238
18230	4,26078,66687	2,38224
18231	4,26081,04911	2,38211
18232	4,26083,43122	2,38198
18233	4,26085,81320	2,38185
18234	4,26088,19505	2,38171
18235	4,26090,57676	2,38159
18236	4,26092,95835	2,38146
18237	4,26095,33981	2,38133
18238	4,26097,72114	2,38119
18239	4,26100,10233	2,38107
18240	4,26102,48340	2,38093
18241	4,26104,86433	2,38081
18242	4,26107,24514	2,38067
18243	4,26109,62581	2,38055
18244	4,26112,00636	2,38041
18245	4,26114,38677	2,38028
18246	4,26116,76705	2,38016
18247	4,26119,14721	2,38002
18248	4,26121,52723	2,37989
18249	4,26123,90712	2,37976
18250	4,26126,28688	2,37963

Num.	Logarithmi	Differ.
18251	4,26128,66651	2,37950
18252	4,26131,04601	2,37937
18253	4,26133,42538	2,37924
18254	4,26135,80462	2,37911
18255	4,26138,18373	2,37898
18256	4,26140,56271	2,37885
18257	4,26142,94156	2,37871
18258	4,26145,32027	2,37859
18259	4,26147,69886	2,37846
18260	4,26150,07732	2,37833
18261	4,26152,45565	2,37819
18262	4,26154,83384	2,37807
18263	4,26157,21191	2,37794
18264	4,26159,58985	2,37780
18265	4,26161,96765	2,37768
18266	4,26164,34533	2,37755
18267	4,26166,72288	2,37741
18268	4,26169,10029	2,37729
18269	4,26171,47758	2,37716
18270	4,26173,85474	2,37702
18271	4,26176,23176	2,37690
18272	4,26178,60866	2,37676
18273	4,26180,98542	2,37664
18274	4,26183,36206	2,37650
18275	4,26185,73856	2,37638
18276	4,26188,11494	2,37624
18277	4,26190,49118	2,37612
18278	4,26192,86730	2,37598
18279	4,26195,24328	2,37586
18280	4,26197,61914	2,37573
18281	4,26199,99487	2,37559
18282	4,26202,37046	2,37547
18283	4,26204,74593	2,37533
18284	4,26207,12126	2,37521
18285	4,26209,49647	2,37507
18286	4,26211,87154	2,37495
18287	4,26214,24649	2,37482
18288	4,26216,62131	2,37468
18289	4,26218,99599	2,37456
18290	4,26221,37055	2,37442
18291	4,26223,74497	2,37430
18292	4,26226,11927	2,37417
18293	4,26228,49344	2,37403
18294	4,26230,86747	2,37391
18295	4,26233,24138	2,37378
18296	4,26235,61516	2,37365
18297	4,26237,98881	2,37352
18298	4,26240,36233	2,37338
18299	4,26242,73571	2,37326
18300	4,26245,10897	2,37313

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
18301	4,26247,48210	2,37300	18351	4,26365,97352	2,36654	18401	4,26484,14253	2,36011
18302	4,26249,85510	2,37287	18352	4,26368,34006	2,36640	18402	4,26486,50264	2,35997
18303	4,26252,22797	2,37274	18353	4,26370,70646	2,36628	18403	4,26488,86261	2,35985
18304	4,26254,60071	2,37261	18354	4,26373,07274	2,36614	18404	4,26491,22246	2,35972
18305	4,26256,97332	2,37248	18355	4,26375,43888	2,36602	18405	4,26493,58218	2,35959
18306	4,26259,34580	2,37235	18356	4,26377,80490	2,36589	18406	4,26495,94177	2,35946
18307	4,26261,71815	2,37223	18357	4,26380,17079	2,36576	18407	4,26498,30123	2,35934
18308	4,26264,09038	2,37209	18358	4,26382,53655	2,36563	18408	4,26500,66057	2,35920
18309	4,26266,46247	2,37196	18359	4,26384,90218	2,36551	18409	4,26503,01977	2,35908
18310	4,26268,83443	2,37183	18360	4,26387,26769	2,36537	18410	4,26505,37885	2,35895
18311	4,26271,20626	2,37171	18361	4,26389,63306	2,36525	18411	4,26507,73780	2,35882
18312	4,26273,57797	2,37157	18362	4,26391,99831	2,36511	18412	4,26510,09662	2,35870
18313	4,26275,94954	2,37145	18363	4,26394,36342	2,36499	18413	4,26512,45532	2,35856
18314	4,26278,32099	2,37131	18364	4,26396,72841	2,36486	18414	4,26514,81388	2,35844
18315	4,26280,69230	2,37119	18365	4,26399,09327	2,36473	18415	4,26517,17232	2,35831
18316	4,26283,06349	2,37105	18366	4,26401,45800	2,36460	18416	4,26519,53063	2,35818
18317	4,26285,43454	2,37093	18367	4,26403,82260	2,36447	18417	4,26521,88881	2,35805
18318	4,26287,80547	2,37080	18368	4,26406,18707	2,36435	18418	4,26524,24686	2,35793
18319	4,26290,17627	2,37066	18369	4,26408,55142	2,36421	18419	4,26526,60479	2,35780
18320	4,26292,54693	2,37054	18370	4,26410,91563	2,36409	18420	4,26528,96259	2,35767
18321	4,26294,91747	2,37041	18371	4,26413,27972	2,36395	18421	4,26531,32026	2,35754
18322	4,26297,28788	2,37028	18372	4,26415,64367	2,36383	18422	4,26533,67780	2,35741
18323	4,26299,65816	2,37015	18373	4,26418,00750	2,36370	18423	4,26536,03521	2,35729
18324	4,26302,02831	2,37002	18374	4,26420,37120	2,36358	18424	4,26538,39250	2,35715
18325	4,26304,39833	2,36989	18375	4,26422,73478	2,36344	18425	4,26540,74965	2,35703
18326	4,26306,76822	2,36977	18376	4,26425,09822	2,36331	18426	4,26543,10668	2,35690
18327	4,26309,13799	2,36963	18377	4,26427,46153	2,36319	18427	4,26545,46358	2,35678
18328	4,26311,50762	2,36950	18378	4,26429,82472	2,36306	18428	4,26547,82036	2,35664
18329	4,26313,87712	2,36938	18379	4,26432,18778	2,36293	18429	4,26550,17700	2,35652
18330	4,26316,24650	2,36924	18380	4,26434,55071	2,36280	18430	4,26552,53352	2,35639
18331	4,26318,61574	2,36912	18381	4,26436,91351	2,36267	18431	4,26554,88991	2,35626
18332	4,26320,98486	2,36898	18382	4,26439,27618	2,36254	18432	4,26557,24617	2,35614
18333	4,26323,35384	2,36886	18383	4,26441,63872	2,36241	18433	4,26559,60231	2,35601
18334	4,26325,72270	2,36873	18384	4,26444,00113	2,36229	18434	4,26561,95832	2,35587
18335	4,26328,09143	2,36860	18385	4,26446,36342	2,36216	18435	4,26564,31419	2,35576
18336	4,26330,46003	2,36847	18386	4,26448,72558	2,36203	18436	4,26566,66995	2,35562
18337	4,26332,82850	2,36834	18387	4,26451,08761	2,36190	18437	4,26569,02557	2,35549
18338	4,26335,19684	2,36821	18388	4,26453,44951	2,36177	18438	4,26571,38106	2,35537
18339	4,26337,56505	2,36808	18389	4,26455,81128	2,36164	18439	4,26573,73643	2,35524
18340	4,26339,93313	2,36796	18390	4,26458,17292	2,36152	18440	4,26576,09167	2,35511
18341	4,26342,30109	2,36782	18391	4,26460,53444	2,36139	18441	4,26578,44678	2,35499
18342	4,26344,66891	2,36770	18392	4,26462,89583	2,36125	18442	4,26580,80177	2,35486
18343	4,26347,03661	2,36756	18393	4,26465,25708	2,36113	18443	4,26583,15663	2,35472
18344	4,26349,40417	2,36744	18394	4,26467,61821	2,36101	18444	4,26585,51135	2,35461
18345	4,26351,77161	2,36731	18395	4,26469,97922	2,36087	18445	4,26587,86596	2,35447
18346	4,26354,13892	2,36718	18396	4,26472,34009	2,36075	18446	4,26590,22043	2,35435
18347	4,26356,50610	2,36705	18397	4,26474,70084	2,36061	18447	4,26592,57478	2,35422
18348	4,26358,87315	2,36692	18398	4,26477,06145	2,36049	18448	4,26594,92900	2,35409
18349	4,26361,24007	2,36679	18399	4,26479,42194	2,36036	18449	4,26597,28309	2,35396
18350	4,26363,60686	2,36666	18400	4,26481,78230	2,36023	18450	4,26599,63705	2,35384

Num.	Logarithmi	Differ.
18451	4,26601,99589	2,35370
18452	4,26604,34459	2,35358
18453	4,26606,69817	2,35346
18454	4,26609,05163	2,35332
18455	4,26611,40495	2,35320
18456	4,26613,75815	2,35307
18457	4,26616,11122	2,35295
18458	4,26618,46417	2,35281
18459	4,26620,81698	2,35269
18460	4,26623,16967	2,35256
18461	4,26625,52223	2,35243
18462	4,26627,87466	2,35231
18463	4,26630,22697	2,35218
18464	4,26632,57915	2,35205
18465	4,26634,93120	2,35192
18466	4,26637,28312	2,35180
18467	4,26639,63492	2,35167
18468	4,26641,98659	2,35154
18469	4,26644,33813	2,35141
18470	4,26646,68954	2,35129
18471	4,26649,04083	2,35116
18472	4,26651,39199	2,35103
18473	4,26653,74302	2,35091
18474	4,26656,09393	2,35078
18475	4,26658,44471	2,35065
18476	4,26660,79536	2,35052
18477	4,26663,14588	2,35040
18478	4,26665,49628	2,35027
18479	4,26667,84655	2,35014
18480	4,26670,19669	2,35001
18481	4,26672,54670	2,34989
18482	4,26674,89659	2,34976
18483	4,26677,24635	2,34963
18484	4,26679,59598	2,34951
18485	4,26681,94549	2,34938
18486	4,26684,29487	2,34925
18487	4,26686,64412	2,34913
18488	4,26688,99325	2,34900
18489	4,26691,34225	2,34887
18490	4,26693,69112	2,34874
18491	4,26696,03986	2,34862
18492	4,26698,38848	2,34849
18493	4,26700,73697	2,34836
18494	4,26703,08533	2,34824
18495	4,26705,43357	2,34810
18496	4,26707,78167	2,34799
18497	4,26710,12966	2,34785
18498	4,26712,47751	2,34773
18499	4,26714,82524	2,34760
18500	4,26717,17284	2,34747

Num.	Logarithmi	Differ.
18501	4,26719,52031	2,34735
18502	4,26721,86766	2,34722
18503	4,26724,21488	2,34710
18504	4,26726,56198	2,34696
18505	4,26728,90894	2,34684
18506	4,26731,25578	2,34672
18507	4,26733,60250	2,34658
18508	4,26735,94908	2,34646
18509	4,26738,29554	2,34634
18510	4,26740,64188	2,34620
18511	4,26742,98808	2,34608
18512	4,26745,33416	2,34595
18513	4,26747,68011	2,34583
18514	4,26750,02594	2,34570
18515	4,26752,37164	2,34557
18516	4,26754,71721	2,34545
18517	4,26757,06266	2,34532
18518	4,26759,40798	2,34519
18519	4,26761,75317	2,34506
18520	4,26764,09823	2,34494
18521	4,26766,44317	2,34482
18522	4,26768,78799	2,34468
18523	4,26771,13267	2,34456
18524	4,26773,47723	2,34444
18525	4,26775,82167	2,34430
18526	4,26778,16597	2,34418
18527	4,26780,51015	2,34405
18528	4,26782,85420	2,34393
18529	4,26785,19813	2,34380
18530	4,26787,54193	2,34368
18531	4,26789,88561	2,34354
18532	4,26792,22915	2,34342
18533	4,26794,57257	2,34330
18534	4,26796,91587	2,34317
18535	4,26799,25904	2,34304
18536	4,26801,60208	2,34291
18537	4,26803,94499	2,34279
18538	4,26806,28778	2,34266
18539	4,26808,63044	2,34254
18540	4,26810,97298	2,34241
18541	4,26813,31539	2,34228
18542	4,26815,65767	2,34216
18543	4,26817,99983	2,34203
18544	4,26820,34186	2,34191
18545	4,26822,68377	2,34177
18546	4,26825,02554	2,34166
18547	4,26827,36720	2,34152
18548	4,26829,70872	2,34140
18549	4,26832,05012	2,34128
18550	4,26834,39140	2,34114

Num.	Logarithmi	Differ.
18551	4,26836,73254	2,34102
18552	4,26839,07356	2,34090
18553	4,26841,41446	2,34077
18554	4,26843,75523	2,34064
18555	4,26846,09587	2,34051
18556	4,26848,43638	2,34039
18557	4,26850,77677	2,34027
18558	4,26853,11704	2,34014
18559	4,26855,45718	2,34001
18560	4,26857,79719	2,33988
18561	4,26860,13707	2,33976
18562	4,26862,47683	2,33964
18563	4,26864,81647	2,33950
18564	4,26867,15597	2,33939
18565	4,26869,49536	2,33925
18566	4,26871,83461	2,33913
18567	4,26874,17374	2,33900
18568	4,26876,51274	2,33888
18569	4,26878,85162	2,33875
18570	4,26881,19037	2,33863
18571	4,26883,52900	2,33850
18572	4,26885,86750	2,33837
18573	4,26888,20587	2,33825
18574	4,26890,54412	2,33812
18575	4,26892,88224	2,33800
18576	4,26895,22024	2,33787
18577	4,26897,55811	2,33774
18578	4,26899,89585	2,33762
18579	4,26902,23347	2,33750
18580	4,26904,57097	2,33736
18581	4,26906,90833	2,33724
18582	4,26909,24557	2,33712
18583	4,26911,58269	2,33699
18584	4,26913,91968	2,33686
18585	4,26916,25654	2,33674
18586	4,26918,59328	2,33661
18587	4,26920,92989	2,33649
18588	4,26923,26638	2,33636
18589	4,26925,60274	2,33624
18590	4,26927,93898	2,33611
18591	4,26930,27509	2,33598
18592	4,26932,61107	2,33586
18593	4,26934,94693	2,33573
18594	4,26937,28266	2,33561
18595	4,26939,61827	2,33548
18596	4,26941,95375	2,33536
18597	4,26944,28911	2,33523
18598	4,26946,62434	2,33510
18599	4,26948,95944	2,33498
18600	4,26951,29442	2,33486

Num.	Logarithmi	Differ.
18601	4,26953,62928	2,33472
18602	4,26955,96400	2,33461
18603	4,26958,29861	2,33447
18604	4,26960,63308	2,33436
18605	4,26962,96744	2,33422
18606	4,26965,30166	2,33410
18607	4,26967,63576	2,33398
18608	4,26969,96974	2,33385
18609	4,26972,30359	2,33372
18610	4,26974,63731	2,33360
18611	4,26976,97091	2,33348
18612	4,26979,30439	2,33334
18613	4,26981,63773	2,33323
18614	4,26983,97096	2,33310
18615	4,26986,30406	2,33297
18616	4,26988,63703	2,33284
18617	4,26990,96987	2,33273
18618	4,26993,30260	2,33259
18619	4,26995,63519	2,33247
18620	4,26997,96766	2,33235
18621	4,27000,30001	2,33222
18622	4,27002,63223	2,33210
18623	4,27004,96433	2,33197
18624	4,27007,29630	2,33184
18625	4,27009,62814	2,33172
18626	4,27011,95986	2,33160
18627	4,27014,29146	2,33147
18628	4,27016,62293	2,33134
18629	4,27018,95427	2,33122
18630	4,27021,28549	2,33109
18631	4,27023,61658	2,33097
18632	4,27025,94755	2,33085
18633	4,27028,27840	2,33072
18634	4,27030,60912	2,33059
18635	4,27032,93971	2,33047
18636	4,27035,27018	2,33034
18637	4,27037,60052	2,33022
18638	4,27039,93074	2,33009
18639	4,27042,26083	2,32997
18640	4,27044,59080	2,32985
18641	4,27046,92065	2,32971
18642	4,27049,25036	2,32960
18643	4,27051,57996	2,32947
18644	4,27053,90943	2,32934
18645	4,27056,23877	2,32922
18646	4,27058,56799	2,32909
18647	4,27060,89708	2,32897
18648	4,27063,22605	2,32885
18649	4,27065,55490	2,32871
18650	4,27067,88361	2,32860
18651	4,27070,21221	2,32847
18652	4,27072,54068	2,32834
18653	4,27074,86902	2,32822
18654	4,27077,19724	2,32810
18655	4,27079,52534	2,32797
18656	4,27081,85331	2,32784
18657	4,27084,18115	2,32772
18658	4,27086,50887	2,32760
18659	4,27088,83647	2,32747
18660	4,27091,16394	2,32735
18661	4,27093,49129	2,32722
18662	4,27095,81851	2,32710
18663	4,27098,14561	2,32697
18664	4,27100,47258	2,32685
18665	4,27102,79943	2,32672
18666	4,27105,12615	2,32660
18667	4,27107,45275	2,32647
18668	4,27109,77922	2,32635
18669	4,27112,10557	2,32622
18670	4,27114,43179	2,32610
18671	4,27116,75789	2,32598
18672	4,27119,08387	2,32585
18673	4,27121,40972	2,32573
18674	4,27123,73545	2,32560
18675	4,27126,06105	2,32548
18676	4,27128,38653	2,32535
18677	4,27130,71188	2,32523
18678	4,27133,03711	2,32510
18679	4,27135,36221	2,32498
18680	4,27137,68719	2,32485
18681	4,27140,01204	2,32473
18682	4,27142,33677	2,32461
18683	4,27144,66138	2,32448
18684	4,27146,98586	2,32436
18685	4,27149,31022	2,32423
18686	4,27151,63445	2,32411
18687	4,27153,95856	2,32398
18688	4,27156,28254	2,32386
18689	4,27158,60640	2,32374
18690	4,27160,93014	2,32361
18691	4,27163,25375	2,32349
18692	4,27165,57724	2,32336
18693	4,27167,90060	2,32324
18694	4,27170,22384	2,32311
18695	4,27172,54695	2,32299
18696	4,27174,86994	2,32286
18697	4,27177,19280	2,32274
18698	4,27179,51554	2,32262
18699	4,27181,83816	2,32249
18700	4,27184,16065	2,32237
18701	4,27186,48302	2,32225
18702	4,27188,80527	2,32212
18703	4,27191,12739	2,32199
18704	4,27193,44938	2,32187
18705	4,27195,77125	2,32175
18706	4,27198,09300	2,32162
18707	4,27200,41462	2,32150
18708	4,27202,73612	2,32138
18709	4,27205,05750	2,32125
18710	4,27207,37875	2,32113
18711	4,27209,69988	2,32100
18712	4,27212,02088	2,32088
18713	4,27214,34176	2,32075
18714	4,27216,66251	2,32064
18715	4,27218,98315	2,32050
18716	4,27221,30365	2,32039
18717	4,27223,62404	2,32025
18718	4,27225,94429	2,32014
18719	4,27228,26443	2,32001
18720	4,27230,58444	2,31989
18721	4,27232,90433	2,31976
18722	4,27235,22409	2,31964
18723	4,27237,54375	2,31952
18724	4,27239,86323	2,31939
18725	4,27242,18264	2,31926
18726	4,27244,50190	2,31915
18727	4,27246,82105	2,31902
18728	4,27249,14007	2,31890
18729	4,27251,45897	2,31877
18730	4,27253,77774	2,31865
18731	4,27256,09639	2,31852
18732	4,27258,41491	2,31840
18733	4,27260,73331	2,31828
18734	4,27263,05159	2,31815
18735	4,27265,36974	2,31803
18736	4,27267,68777	2,31791
18737	4,27270,00568	2,31778
18738	4,27272,32346	2,31766
18739	4,27274,64112	2,31754
18740	4,27276,95866	2,31741
18741	4,27279,27607	2,31728
18742	4,27281,59335	2,31717
18743	4,27283,91052	2,31704
18744	4,27286,22756	2,31692
18745	4,27288,54448	2,31679
18746	4,27290,86127	2,31667
18747	4,27293,17794	2,31654
18748	4,27295,49448	2,31643
18749	4,27297,81091	2,31630
18750	4,27300,12721	2,31617

Num.	Logarithmi	Differ.
18751	4,27302,44338	2,31605
18752	4,27304,75943	2,31593
18753	4,27307,07536	2,31581
18754	4,27309,39117	2,31568
18755	4,27311,70685	2,31556
18756	4,27314,02241	2,31543
18757	4,27316,33784	2,31531
18758	4,27318,65315	2,31519
18759	4,27320,96834	2,31506
18760	4,27323,28340	2,31495
18761	4,27325,59835	2,31481
18762	4,27327,91316	2,31470
18763	4,27330,22786	2,31457
18764	4,27332,54243	2,31444
18765	4,27334,85687	2,31433
18766	4,27337,17120	2,31420
18767	4,27339,48540	2,31408
18768	4,27341,79948	2,31395
18769	4,27344,11343	2,31383
18770	4,27346,42726	2,31371
18771	4,27348,74097	2,31358
18772	4,27351,05455	2,31347
18773	4,27353,36802	2,31333
18774	4,27355,68135	2,31322
18775	4,27357,99457	2,31309
18776	4,27360,30766	2,31297
18777	4,27362,62063	2,31284
18778	4,27364,93347	2,31272
18779	4,27367,24619	2,31260
18780	4,27369,55879	2,31248
18781	4,27371,87127	2,31235
18782	4,27374,18362	2,31223
18783	4,27376,49585	2,31211
18784	4,27378,80796	2,31198
18785	4,27381,11994	2,31186
18786	4,27383,43180	2,31174
18787	4,27385,74354	2,31161
18788	4,27388,05515	2,31149
18789	4,27390,36664	2,31137
18790	4,27392,67801	2,31125
18791	4,27394,98926	2,31112
18792	4,27397,30038	2,31100
18793	4,27399,61138	2,31087
18794	4,27401,92225	2,31075
18795	4,27404,23300	2,31064
18796	4,27406,54364	2,31050
18797	4,27408,85414	2,31039
18798	4,27411,16453	2,31026
18799	4,27413,47479	2,31014
18800	4,27415,78493	2,31001

Chilias 19.

Nnm.	Logarithmi	Differ.
18801	4,27418,09494	2,30989
18802	4,27420,40483	2,30977
18803	4,27422,71460	2,30965
18804	4,27425,02425	2,30953
18805	4,27427,33378	2,30940
18806	4,27429,64318	2,30928
18807	4,27431,95246	2,30915
18808	4,27434,26161	2,30903
18809	4,27436,57064	2,30892
18810	4,27438,87956	2,30878
18811	4,27441,18834	2,30867
18812	4,27443,49701	2,30854
18813	4,27445,80555	2,30842
18814	4,27448,11397	2,30830
18815	4,27450,42227	2,30817
18816	4,27452,73044	2,30805
18817	4,27455,03849	2,30793
18818	4,27457,34642	2,30781
18819	4,27459,65423	2,30768
18820	4,27461,96191	2,30756
18821	4,27464,26947	2,30744
18822	4,27466,57691	2,30731
18823	4,27468,88422	2,30720
18824	4,27471,19142	2,30707
18825	4,27473,49849	2,30695
18826	4,27475,80544	2,30682
18827	4,27478,11226	2,30670
18828	4,27480,41896	2,30658
18829	4,27482,72554	2,30646
18830	4,27485,03200	2,30634
18831	4,27487,33834	2,30621
18832	4,27489,64455	2,30609
18833	4,27491,95064	2,30597
18834	4,27494,25661	2,30584
18835	4,27496,56245	2,30573
18836	4,27498,86818	2,30560
18837	4,27501,17378	2,30548
18838	4,27503,47926	2,30535
18839	4,27505,78461	2,30524
18840	4,27508,08985	2,30511
18841	4,27510,39496	2,30499
18842	4,27512,69995	2,30486
18843	4,27515,00481	2,30475
18844	4,27517,30956	2,30462
18845	4,27519,61418	2,30450
18846	4,27521,91868	2,30438
18847	4,27524,22306	2,30425
18848	4,27526,52731	2,30413
18849	4,27528,83144	2,30401
18850	4,27531,13545	2,30389

Chilias 19.

Num.	Logarithmi	Differ.
18851	4,27533,43934	2,30377
18852	4,27535,74311	2,30364
18853	4,27538,04675	2,30352
18854	4,27540,35027	2,30340
18855	4,27542,65367	2,30328
18856	4,27544,95695	2,30316
18857	4,27547,26011	2,30303
18858	4,27549,56314	2,30291
18859	4,27551,86605	2,30279
18860	4,27554,16884	2,30267
18861	4,27556,47151	2,30254
18862	4,27558,77405	2,30242
18863	4,27561,07647	2,30231
18864	4,27563,37878	2,30217
18865	4,27565,68095	2,30206
18866	4,27567,98301	2,30193
18867	4,27570,28494	2,30182
18868	4,27572,58676	2,30169
18869	4,27574,88845	2,30157
18870	4,27577,19002	2,30144
18871	4,27579,49146	2,30133
18872	4,27581,79279	2,30120
18873	4,27584,09399	2,30108
18874	4,27586,39507	2,30096
18875	4,27588,69603	2,30084
18876	4,27590,99687	2,30071
18877	4,27593,29758	2,30060
18878	4,27595,59818	2,30047
18879	4,27597,89865	2,30035
18880	4,27600,19900	2,30022
18881	4,27602,49922	2,30011
18882	4,27604,79933	2,29998
18883	4,27607,09931	2,29987
18884	4,27609,39918	2,29974
18885	4,27611,69892	2,29962
18886	4,27613,99854	2,29949
18887	4,27616,29803	2,29938
18888	4,27618,59741	2,29925
18889	4,27620,89666	2,29913
18890	4,27623,19579	2,29901
18891	4,27625,49480	2,29889
18892	4,27627,79369	2,29877
18893	4,27630,09246	2,29864
18894	4,27632,39110	2,29853
18895	4,27634,68963	2,29840
18896	4,27636,98803	2,29828
18897	4,27639,28631	2,29816
18898	4,27641,58447	2,29803
18899	4,27643,88250	2,29792
18900	4,27646,18042	2,29779

Chilias 19.

Num.	Logarithmi	Differ.
18901	4,27648,47821	2,29767
18902	4,27650,77588	2,29755
18903	4,27653,07343	2,29743
18904	4,27655,37086	2,29731
18905	4,27657,66817	2,29719
18906	4,27659,96536	2,29706
18907	4,27662,26242	2,29694
18908	4,27664,55936	2,29682
18909	4,27666,85618	2,29670
18910	4,27669,15288	2,29658
18911	4,27671,44946	2,29646
18912	4,27673,74592	2,29634
18913	4,27676,04226	2,29621
18914	4,27678,33847	2,29609
18915	4,27680,63456	2,29597
18916	4,27682,93053	2,29585
18917	4,27685,22638	2,29573
18918	4,27687,52211	2,29561
18919	4,27689,81772	2,29549
18920	4,27692,11321	2,29536
18921	4,27694,40857	2,29524
18922	4,27696,70381	2,29513
18923	4,27698,99894	2,29500
18924	4,27701,29394	2,29488
18925	4,27703,58882	2,29476
18926	4,27705,88358	2,29463
18927	4,27708,17821	2,29452
18928	4,27710,47273	2,29439
18929	4,27712,76712	2,29428
18930	4,27715,06140	2,29415
18931	4,27717,35555	2,29403
18932	4,27719,64958	2,29391
18933	4,27721,94349	2,29379
18934	4,27724,23728	2,29367
18935	4,27726,53095	2,29354
18936	4,27728,82449	2,29343
18937	4,27731,11792	2,29330
18938	4,27733,41122	2,29318
18939	4,27735,70440	2,29307
18940	4,27737,99747	2,29294
18941	4,27740,29041	2,29282
18942	4,27742,58323	2,29270
18943	4,27744,87593	2,29257
18944	4,27747,16850	2,29246
18945	4,27749,46096	2,29234
18946	4,27751,75330	2,29221
18947	4,27754,04551	2,29210
18948	4,27756,33761	2,29197
18949	4,27758,62958	2,29185
18950	4,27760,92143	2,29173

Chilias 19.

Num.	Logarithmi	Differ.
18951	4,27763,21316	2,29161
18952	4,27765,50477	2,29149
18953	4,27767,79626	2,29137
18954	4,27770,08763	2,29125
18955	4,27772,37888	2,29112
18956	4,27774,67000	2,29101
18957	4,27776,96101	2,29088
18958	4,27779,25189	2,29077
18959	4,27781,54266	2,29064
18960	4,27783,83330	2,29052
18961	4,27786,12382	2,29040
18962	4,27788,41422	2,29028
18963	4,27790,70450	2,29016
18964	4,27792,99466	2,29004
18965	4,27795,28470	2,28992
18966	4,27797,57462	2,28980
18967	4,27799,86442	2,28968
18968	4,27802,15410	2,28955
18969	4,27804,44365	2,28944
18970	4,27806,73309	2,28931
18971	4,27809,02240	2,28920
18972	4,27811,31160	2,28907
18973	4,27813,60067	2,28895
18974	4,27815,88962	2,28884
18975	4,27818,17846	2,28871
18976	4,27820,46717	2,28859
18977	4,27822,75576	2,28847
18978	4,27825,04423	2,28835
18979	4,27827,33258	2,28823
18980	4,27829,62081	2,28811
18981	4,27831,90892	2,28799
18982	4,27834,19691	2,28786
18983	4,27836,48477	2,28775
18984	4,27838,77252	2,28763
18985	4,27841,06015	2,28750
18986	4,27843,34765	2,28739
18987	4,27845,63504	2,28726
18988	4,27847,92230	2,28715
18989	4,27850,20945	2,28702
18990	4,27852,49647	2,28691
18991	4,27854,78338	2,28678
18992	4,27857,07016	2,28666
18993	4,27859,35682	2,28655
18994	4,27861,64337	2,28642
18995	4,27863,92979	2,28630
18996	4,27866,21609	2,28618
18997	4,27868,50227	2,28606
18998	4,27870,78833	2,28594
18999	4,27873,07427	2,28583
19000	4,27875,36010	2,28570

Chilias 20.

Num.	Logarithmi	Differ.
19001	4,27877,64580	2,28558
19002	4,27879,93138	2,28546
19003	4,27882,21684	2,28533
19004	4,27884,50217	2,28522
19005	4,27886,78739	2,28510
19006	4,27889,07249	2,28498
19007	4,27891,35747	2,28486
19008	4,27893,64233	2,28474
19009	4,27895,42707	2,28462
19010	4,27898,21169	2,28449
19011	4,27900,49618	2,28438
19012	4,27902,78056	2,28426
19013	4,27905,06482	2,28414
19014	4,27907,34896	2,28401
19015	4,27909,63297	2,28390
19016	4,27911,91687	2,28378
19017	4,27914,20065	2,28366
19018	4,27916,48431	2,28353
19019	4,27918,76784	2,28342
19020	4,27921,05126	2,28330
19021	4,27923,33456	2,28317
19022	4,27925,61773	2,28306
19023	4,27927,90079	2,28294
19024	4,27930,18373	2,28281
19025	4,27932,46654	2,28270
19026	4,27934,74924	2,28258
19027	4,27937,03182	2,28245
19028	4,27939,31427	2,28234
19029	4,27941,59661	2,28222
19030	4,27943,87883	2,28210
19031	4,27946,16093	2,28197
19032	4,27948,44290	2,28186
19033	4,27950,72476	2,28174
19034	4,27953,00650	2,28162
19035	4,27955,28812	2,28149
19036	4,27957,56961	2,28138
19037	4,27959,85099	2,28126
19038	4,27962,13225	2,28114
19039	4,27964,41339	2,28101
19040	4,27966,69440	2,28090
19041	4,27968,97530	2,28078
19042	4,27971,25608	2,28066
19043	4,27973,53674	2,28054
19044	4,27975,81728	2,28042
19045	4,27978,09770	2,28030
19046	4,27980,37800	2,28018
19047	4,27982,65818	2,28006
19048	4,27984,93824	2,27994
19049	4,27987,21818	2,27982
19050	4,27989,49800	2,27970

 Chilias 20. Chilias 20.

Num.	Logarithmi	Differ.
19051	4,27991,77770	2,27958
19052	4,27994,05728	2,27947
19053	4,27996,33675	2,27934
19054	4,27998,61609	2,27922
19055	4,28000,89531	2,27910
19056	4,28003,17441	2,27899
19057	4,28005,45340	2,27886
19058	4,28007,73226	2,27875
19059	4,28010,01101	2,27862
19060	4,28012,28963	2,27851
19061	4,28014,56814	2,27838
19062	4,28016,84652	2,27827
19063	4,28019,12479	2,27814
19064	4,28021,40293	2,27803
19065	4,28023,68096	2,27791
19066	4,28025,95887	2,27779
19067	4,28028,23666	2,27767
19068	4,28030,51433	2,27754
19069	4,28032,79187	2,27743
19070	4,28035,06930	2,27732
19071	4,28037,34662	2,27719
19072	4,28039,62381	2,27707
19073	4,28041,90088	2,27695
19074	4,28044,17783	2,27683
19075	4,28046,45466	2,27672
19076	4,28048,73138	2,27659
19077	4,28051,00797	2,27648
19078	4,28053,28445	2,27635
19079	4,28055,56080	2,27624
19080	4,28057,83704	2,27611
19081	4,28060,11315	2,27900
19082	4,28062,38915	2,27588
19083	4,28064,66503	2,27576
19084	4,28066,94079	2,27564
19085	4,28069,21643	2,27552
19086	4,28071,49195	2,27540
19087	4,20873,76735	2,27528
19088	4,20876,04263	2,27517
19089	4,28078,31780	2,27504
19090	4,28080,59284	2,27492
19091	4,28082,86776	2,27481
19092	4,28085,14257	2,27469
19093	4,28087,41726	2,27456
19094	4,28089,69182	2,27445
19095	4,28091,96627	2,27433
19096	4,28094,24060	2,27421
19097	4,28096,51481	2,27409
19098	4,28098,78890	2,27397
19099	4,28101,06287	2,27385
19100	4,28103,33672	2,27374

Num.	Logarithmi	Differ.
19101	4,28105,61046	2,27361
19102	4,28107,88407	2,27350
19103	4,28110,15757	2,27337
19104	4,28112,43094	2,27326
19105	4,28114,70420	2,27314
19106	4,28116,97734	2,27302
19107	4,28119,23039	2,27290
19108	4,28121,52326	2,27278
19109	4,28123,79604	2,27267
19110	4,28126,06871	2,27254
19111	4,28128,34125	2,27242
19112	4,28130,61367	2,27231
19113	4,28132,38598	2,27219
19114	4,28135,15817	2,27207
19115	4,28137,43024	2,27194
19116	4,28139,70218	2,27184
19117	4,28141,97402	2,27171
19118	4,28144,24573	2,27159
19119	4,28146,51732	2,27147
19120	4,28148,78879	2,27136
19121	4,28151,06015	2,27124
19122	4,28153,33139	2,27111
19123	4,28155,60250	2,27100
19124	4,28157,87350	2,27088
19125	4,28160,14438	2,27076
19126	4,28162,41514	2,27065
19127	4,28164,68579	2,27052
19128	4,28166,95631	2,27041
19129	4,28169,22672	2,27028
19130	4,28171,49700	2,27017
19131	4,28173,70717	2,27005
19132	4,28176,03722	2,26993
19133	4,28178,30715	2,26981
19134	4,28180,57696	2,26970
19135	4,28182,84666	2,26957
19136	4,28185,11623	2,26946
19137	4,28187,38569	2,26933
19138	4,28189,65502	2,26922
19139	4,28191,92424	2,26910
19140	4,28194,19334	2,26899
19141	4,28196,46233	2,26886
19142	4,28198,73119	2,26874
19143	4,28200,99993	2,26863
19144	4,28203,26856	2,26851
19145	4,28205,53707	2,26839
19146	4,28207,80546	2,26827
19147	4,28210,07373	2,26815
19148	4,28212,34188	2,26803
19149	4,28214,60991	2,26792
19150	4,28216,87783	2,26780

Num.	Logarithmi	Differ.
19151	4,28219,14563	2,26768
19152	4,28221,41331	2,26756
19153	4,28223,68087	2,26744
19154	4,28225,94831	2,26732
19155	4,28228,21563	2,26721
19156	4,28230,48284	2,26708
19157	4,28232,74992	2,26697
19158	4,28235,01689	2,26685
19159	4,28237,28374	2,26673
19160	4,28239,55047	2,26662
19161	4,28241,81709	2,26649
19162	4,28244,08358	2,26638
19163	4,28246,34996	2,26626
19164	4,28248,61622	2,26614
19165	4,28250,88236	2,26602
19166	4,28253,14838	2,26591
19167	4,28255,41429	2,26578
19168	4,28257,68007	2,26567
19169	4,28259,94574	2,26555
19170	4,28262,21129	2,26543
19171	4,28264,47672	2,26531
19172	4,28266,74203	2,26520
19173	4,28269,00723	2,26507
19174	4,28271,27230	2,26496
19175	4,28273,53726	2,26484
19176	4,28275,80210	2,26472
19177	4,28278,06682	2,26461
19178	4,28280,33143	2,26449
19179	4,28282,59592	2,26436
19180	4,28284,86028	2,26425
19181	4,28287,12453	2,26414
19182	4,28289,38867	2,26401
19183	4,28291,65268	2,26390
19184	4,28293,91658	2,26377
19185	4,28296,18035	2,26366
19186	4,28298,44401	2,26355
19187	4,28300,70756	2,26342
19188	4,28302,97098	2,26331
19189	4,28305,23429	2,26318
19190	4,28307,49747	2,26307
19191	4,28309,76054	2,26296
19192	4,28312,02350	2,26283
19193	4,28314,28633	2,26272
19194	4,28316,54905	2,26260
19195	4,28318,61165	2,26248
19196	4,28321,07413	2,26236
19197	4,28323,33649	2,26224
19198	4,28325,59873	2,26213
19199	4,28327,86086	2,26201
19200	4,28330,12287	2,26189

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19201	4,28332,38476	2,26178	19251	4,28445,32940	2,25590	19301	4,28557,98107	2,25006
19202	4,28334,64654	2,26165	19252	4,28447,58530	2,25578	19302	4,28560,23113	2,24994
19203	4,28336,90819	2,26154	19253	4,28449,84108	2,25567	19303	4,28562,48107	2,24982
19204	4,28339,16973	2,26142	19254	4,28452,09675	2,25555	19304	4,28564,73089	2,24971
19205	4,28341,43115	2,26130	19255	4,28454,35230	2,25543	19305	4,28566,98060	2,24959
19206	4,28343,69245	2,26119	19256	4,28456,60773	2,25531	19306	4,28569,23019	2,24947
19207	4,28345,95364	2,26106	19257	4,28458,86304	2,25520	19307	4,28571,47966	2,24935
19208	4,28348,21470	2,26095	19258	4,28461,11824	2,25508	19308	4,28573,72901	2,24924
19209	4,28350,47565	2,26084	19259	4,28463,37332	2,25496	19309	4,28575,97825	2,24913
19210	4,28352,73649	2,26071	19260	4,28465,62828	2,25484	19310	4,28578,22738	2,24900
19211	4,28354,99720	2,26060	19261	4,28467,88312	2,25473	19311	4,28580,47638	2,24890
19212	4,28357,25780	2,26048	19262	4,28470,13785	2,25461	19312	4,28582,72528	2,24877
19213	4,28359,51828	2,26036	19263	4,28472,39246	2,25450	19313	4,28584,97405	2,24866
19214	4,28361,77864	2,26024	19264	4,28474,64696	2,25437	19314	4,28587,22271	2,24854
19215	4,28364,03888	2,26013	19265	4,28476,90133	2,25427	19315	4,27589,47125	2,24842
19216	4,28366,29901	2,26000	19266	4,28479,15560	2,25414	19316	4,28591,71967	2,24831
19217	4,28368,55901	2,25989	19267	4,28481,40974	2,25402	19317	4,28593,96798	2,24819
19218	4,28370,81890	2,25978	19268	4,28483,66376	2,25391	19318	4,28596,21617	2,24808
19219	4,28373,07868	2,25965	19269	4,28485,91767	2,25380	19319	4,28598,46425	2,24796
19220	4,28375,33833	2,25954	19270	4,28488,17147	2,25367	19320	4,28600,71221	2,24784
19221	4,28377,59787	2,25942	19271	4,28490,42514	2,25356	19321	4,28602,96005	2,24773
19222	4,28379,85729	2,25930	19272	4,28492,67870	2,25344	19322	4,28605,20778	2,24761
19223	4,28382,11659	2,25919	19273	4,28494,93214	2,25332	19323	4,28607,45539	2,24749
19224	4,28384,37578	2,25907	19274	4,28497,18546	2,25321	19324	4,28609,70288	2,24738
19225	4,28386,63485	2,25895	19275	4,28499,43867	2,25309	19325	4,28611,95026	2,24726
19226	4,28388,89380	2,25883	19276	4,28501,69176	2,25298	19326	4,28614,19752	2,24715
19227	4,28391,15263	2,25872	19277	4,28503,94474	2,25285	19327	4,28616,44467	2,24702
19228	4,28393,41135	2,25859	19278	4,28506,19759	2,25274	19328	4,28618,69169	2,24692
19229	4,28395,66994	2,25848	19279	4,28508,45033	2,25263	19329	4,28620,93861	2,24679
19230	4,28397,92842	2,25837	19280	4,28510,70296	2,25250	19330	4,28623,18540	2,24668
19231	4,28400,18679	2,25824	19281	4,28512,95546	2,25239	19331	4,28625,43208	2,24657
19232	4,28402,44503	2,25813	19282	4,28515,20785	2,25228	19332	4,28627,67865	2,24644
19233	4,28404,70316	2,25801	19283	4,28517,46013	2,25215	19333	4,28629,92509	2,24634
19234	4,28406,96117	2,25789	19284	4,28519,71228	2,25204	19334	4,28632,17143	2,24621
19235	4,28409,21906	2,25778	19285	4,28521,96432	2,25192	19335	4,28634,41764	2,24610
19236	4,28411,47684	2,25766	19286	4,28524,21624	2,25181	19336	4,28636,66374	2,24598
19237	4,28413,73450	2,25754	19287	4,28526,46805	2,25169	19337	4,28638,90972	2,24587
19238	4,28415,99204	2,25742	19288	4,28528,71974	2,25157	19338	4,28641,15559	2,24575
19239	4,28418,24946	2,25731	19289	4,28530,97131	2,25145	19339	4,28643,40134	2,24563
19240	4,28420,50677	2,25719	19290	4,28533,22276	2,25134	19340	4,28645,64697	2,24552
19241	4,28422,76396	2,25707	19291	4,28535,47410	2,25122	19341	4,28647,89249	2,24541
19242	4,28425,02103	2,25696	19292	4,28537,72532	2,25111	19342	4,28650,13790	2,24528
19243	4,28427,27799	2,25683	19293	4,28539,97643	2,25099	19343	4,28652,38318	2,24517
19244	4,28429,53482	2,25672	19294	4,28542,22742	2,25087	19344	4,28654,62835	2,24506
19245	4,28431,79154	2,25661	19295	4,28544,47829	2,25076	19345	4,28656,87341	2,24493
19246	4,28434,04815	2,25648	19296	4,28546,72905	2,25063	19346	4,28659,11834	2,24483
19247	4,28436,30463	2,25637	19297	4,28548,97968	2,25053	19347	4,28661,36317	2,24470
19248	4,28438,56100	2,25625	19298	4,28551,23021	2,25040	19348	4,28663,60787	2,24459
19249	4,28440,81725	2,25613	19299	4,28553,48061	2,25029	19349	4,28665,85246	2,24448
19250	4,28443,07338	2,25602	19300	4,28555,73090	2,25017	19350	4,28668,09694	2,24435

Num.	Logarithmi	Differ.
19351	4,28670,34129	2,24425
19352	4,28672,58554	2,24412
19353	4,28674,82966	2,24401
19354	4,28677,07367	2,24390
19355	4,28679,31757	2,24377
19356	4,28681,56134	2,24367
19357	4,28683,80501	2,24354
19358	4,28686,04855	2,24343
19359	4,28688,29198	2,24332
19360	4,28690,53530	2,24320
19361	4,28692,77850	2,24308
19362	4,28695,02158	2,24297
19363	4,28697,26455	2,24285
19364	4,28699,50740	2,24273
19365	4,28701,75013	2,24262
19366	4,28703,99275	2,24251
19367	4,28706,23526	2,24238
19368	4,28708,47764	2,24228
19369	4,28710,71992	2,24215
19370	4,28712,96207	2,24204
19371	4,28715,20411	2,24193
19372	4,28717,44604	2,24181
19373	4,28719,68785	2,24169
19374	4,28721,92954	2,24158
19375	4,28724,17112	2,24146
19376	4,28726,41258	2,24135
19377	4,28728,65393	2,24123
19378	4,28730,89516	2,24111
19379	4,28733,13627	2,24100
19380	4,28735,37727	2,24089
19381	4,28737,61816	2,24076
19382	4,28739,85892	2,24066
19383	4,28742,09958	2,24053
19384	4,28744,34011	2,24042
19385	4,28746,58053	2,24031
19386	4,28748,82084	2,24019
19387	4,28751,06103	2,24008
19388	4,28753,30111	2,23995
19389	4,28755,54106	2,23985
19390	4,28757,78091	2,23973
19391	4,28760,02064	2,23961
19392	4,28762,26025	2,23950
19393	4,28764,49975	2,23938
19394	4,28766,73913	2,23926
19395	4,28768,97839	2,23915
19396	4,28771,21754	2,23904
19397	4,28773,45658	2,23892
19398	4,28775,69550	2,23880
19399	4,28777,93430	2,23869
19400	4,28780,17299	2,23858

Num.	Logarithmi	Differ.
19401	4,28782,41157	2,23845
19402	4,28784,65002	2,23835
19403	4,28786,88837	2,23823
19404	4,28789,12660	2,23811
19405	4,28791,36471	2,23799
19406	4,28793,60270	2,23789
19407	4,28795,84059	2,23776
19408	4,28798,07835	2,23765
19409	4,28800,31600	2,23754
19410	4,28802,55354	2,23742
19411	4,28804,79096	2,23730
19412	4,28807,02826	2,23719
19413	4,28809,26545	2,23708
19414	4,28811,50253	2,23696
19415	4,28813,73949	2,23684
19416	4,28815,97633	2,23673
19417	4,28818,21306	2,23662
19418	4,28820,44968	2,23649
19419	4,28822,68617	2,23639
19420	4,28824,92256	2,23627
19421	4,28827,15883	2,23615
19422	4,28829,39498	2,23604
19423	4,28831,63102	2,23592
19424	4,28833,86694	2,23581
19425	4,28836,10275	2,23569
19426	4,28838,33844	2,23558
19427	4,28840,57402	2,23546
19428	4,28842,80948	2,23535
19429	4,28845,04483	2,23513
19430	4,28847,28006	2,23512
19431	4,28849,51518	2,23500
19432	4,28851,75018	2,23489
19433	4,28853,98507	2,23477
19434	4,28856,21984	2,23466
19435	4,28858,45450	2,23454
19436	4,28860,68904	2,23443
19437	4,28862,92347	2,23431
19438	4,28865,15778	2,23420
19439	4,28867,39198	2,23408
19440	4,28869,62606	2,23397
19441	4,28871,86003	2,23385
19442	4,28874,09388	2,23374
19443	4,28876,32762	2,23362
19444	4,28878,56124	2,23351
19445	4,28880,79475	2,23339
19446	4,28883,02814	2,23328
19447	4,28885,26142	2,23316
19448	4,28887,49458	2,23305
19449	4,28889,72763	2,23294
19450	4,28891,96057	2,23282

Num.	Logarithmi	Differ.
19451	4,28894,19339	2,23270
19452	4,28896,42609	2,23259
19453	4,28898,65868	2,23247
19454	4,28900,89115	2,23236
19455	4,28903,12351	2,23225
19456	4,28905,35576	2,23213
19457	4,28907,58789	2,23202
19458	4,28909,81991	2,23190
19459	4,28912,05181	2,23178
19460	4,28914,28359	2,23167
19461	4,28916,51526	2,23156
19462	4,28918,74682	2,23144
19463	4,28920,97826	2,23133
19464	4,28923,20959	2,23122
19465	4,28925,44081	2,23109
19466	4,28927,67190	2,23099
19467	4,28929,90289	2,23087
19468	4,28932,13376	2,23075
19469	4,28934,36451	2,23064
19470	4,28936,59515	2,23053
19471	4,28938,82568	2,23041
19472	4,28941,05609	2,23030
19473	4,28943,28639	2,23018
19474	4,28945,51657	2,23006
19475	4,28947,74663	2,22996
19476	4,28949,97659	2,22984
19477	4,28952,20643	2,22972
19478	4,28954,43615	2,22961
19479	4,28956,66576	2,22949
19480	4,28958,89525	2,22938
19481	4,28961,12463	2,22927
19482	4,28963,35390	2,22915
19483	4,28965,58305	2,22904
19484	4,28967,81209	2,22892
19485	4,28970,04101	2,22881
19486	4,28972,26982	2,22870
19487	4,28974,49852	2,22858
19488	4,28976,72710	2,22846
19489	4,28978,95556	2,22835
19490	4,28981,18391	2,22824
19491	4,28983,41215	2,22812
19492	4,28985,64027	2,22801
19493	4,28987,86828	2,22789
19494	4,28990,09617	2,22778
19495	4,28992,32395	2,22767
19496	4,28994,55162	2,22755
19497	4,28996,77917	2,22744
19498	4,28999,00661	2,22732
19499	4,29001,23393	2,22721
19500	4,29003,46114	2,22709

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19501	4,29005,68823	2,22699	19551	4,29116,89757	2,22129	19601	4,29227,82287	2,21562
19502	4,29007,91521	2,22687	19552	4,29119,11886	2,22117	19602	4,29230,03849	2,21550
19503	4,29010,14208	2,22675	19553	4,29121,34003	2,22105	19603	4,29232,25399	2,21539
19504	4,29012,36883	2,22663	19554	4,29123,56108	2,22095	19604	4,29234,46938	2,21528
19505	4,29014,59546	2,22653	19555	4,29125,78203	2,22083	19605	4,29236,68466	2,21517
19506	4,29016,82199	2,22641	19556	4,29128,00286	2,22072	19606	4,29238,89983	2,21505
19507	4,29019,04840	2,22629	19557	4,29130,22358	2,22060	19607	4,29241,11488	2,21494
19508	4,29021,27469	2,22618	19558	4,29132,44418	2,22049	19608	4,29243,32982	2,21483
19509	4,29023,50087	2,22607	19559	4,29134,66467	2,22038	19609	4,29245,54465	2,21472
19510	4,29025,72694	2,22595	19560	4,29136,88505	2,22026	19610	4,29247,75937	2,21460
19511	4,29027,95289	2,22584	19561	4,29139,10531	2,22015	19611	4,29249,97397	2,21449
19512	4,29030,17873	2,22573	19562	4,29141,32546	2,22003	19612	4,29252,18846	2,21437
19513	4,29032,40446	2,22561	19563	4,29143,54549	2,21992	19613	4,29254,40283	2,21427
19514	4,29034,63007	2,22549	19564	4,29145,76541	2,21981	19614	4,29256,61710	2,21415
19515	4,29036,85556	2,22538	19565	4,29147,98522	2,21970	19615	4,29258,83125	2,21403
19516	4,29039,08094	2,22527	19566	4,29150,20492	2,21958	19616	4,29261,04528	2,21393
19517	4,29041,30621	2,22516	19567	4,29152,42450	2,21947	19617	4,29263,25921	2,21381
19518	4,29043,53137	2,22504	19568	4,29154,64397	2,21935	19618	4,29265,47302	2,21370
19519	4,29045,75641	2,22492	19569	4,29156,86332	2,21925	19619	4,29267,68672	2,21358
19520	4,29047,98133	2,22482	19570	4,29159,08257	2,21912	19620	4,29269,90030	2,21348
19521	4,29050,20615	2,22469	19571	4,29161,30169	2,21902	19621	4,29272,11378	2,21336
19522	4,29052,43084	2,22459	19572	4,29163,52071	2,21890	19622	4,29274,32714	2,21325
19523	4,29054,65543	2,22447	19573	4,29165,73961	2,21879	19623	4,29276,54039	2,21313
19524	4,29056,87990	2,22435	19574	4,29167,95840	2,21867	19624	4,29278,75352	2,21302
19525	4,29059,10425	2,22425	19575	4,29170,17707	2,21856	19625	4,29280,96654	2,21291
19526	4,29061,32850	2,22413	19576	4,29172,39563	2,21845	19626	4,29283,17945	2,21280
19527	4,29063,55263	2,22401	19577	4,29174,61408	2,21834	19627	4,29285,39225	2,21268
19528	4,29065,77664	2,22390	19578	4,29176,83242	2,21822	19628	4,29287,60493	2,21257
19529	4,29068,00054	2,22379	19579	4,29179,05064	2,21811	19629	4,29289,81750	2,21246
19530	4,29070,22433	2,22367	19580	4,29181,26875	2,21799	19630	4,29292,02996	2,21235
19531	4,29072,44800	2,22356	19581	4,29183,48674	2,21788	19631	4,29294,24231	2,21223
19532	4,29074,67156	2,22345	19582	4,29185,70462	2,21777	19632	4,29296,45454	2,21212
19533	4,29076,89501	2,22333	19583	4,29187,92239	2,21766	19633	4,29298,66666	2,21201
19534	4,29079,11834	2,22322	19584	4,29190,14005	2,21754	19634	4,29300,87867	2,21189
19535	4,29081,34156	2,22310	19585	4,29192,35759	2,21743	19635	4,29303,09056	2,21178
19536	4,29083,56466	2,22299	19586	4,29194,57502	2,21731	19636	4,29305,30234	2,21167
19537	4,29085,78765	2,22288	19587	4,29196,79233	2,21720	19637	4,29307,51401	2,21156
19538	4,29088,01053	2,22276	19588	4,29199,00953	2,21709	19638	4,29309,72557	2,21144
19539	4,29090,23329	2,22265	19589	4,29201,22662	2,21698	19639	4,29311,93701	2,21134
19540	4,29092,45594	2,22253	19590	4,29203,44360	2,21686	19640	4,29314,14835	2,21121
19541	4,29094,67847	2,22242	19591	4,29205,66046	2,21675	19641	4,29316,35956	2,21111
19542	4,29096,90089	2,22231	19592	4,29207,87721	2,21664	19642	4,29318,57067	2,21099
19543	4,29099,12320	2,22220	19593	4,29210,09385	2,21652	19643	4,29320,78166	2,21089
19544	4,29101,34540	2,22208	19594	4,29212,31037	2,21641	19644	4,29322,99255	2,21076
19545	4,29103,56748	2,22196	19595	4,29214,52678	2,21630	19645	4,29325,20331	2,21066
19546	4,29105,78944	2,22186	19596	4,29216,74308	2,21618	19646	4,29327,41397	2,21054
19547	4,29108,01130	2,22174	19597	4,29218,95926	2,21607	19647	4,29329,62451	2,21044
19548	4,29110,23304	2,22162	19598	4,29221,17533	2,21596	19648	4,29331,83495	2,21031
19549	4,29112,45466	2,22151	19599	4,29223,39129	2,21585	19649	4,29334,04526	2,21021
19550	4,29114,67617	2,22140	19600	4,29225,60714	2,21573	19650	4,29336,25547	2,21009

Num.	Logarithmi	Differ.
19651	4,29338,46556	2,20999
19652	4,29340,67555	2,20987
19653	4,29342,88542	2,20975
19654	4,29345,09517	2,20965
19655	4,29347,30482	2,20953
19656	4,29349,51435	2,20942
19657	4,29351,72377	2,20930
19658	4,29353,93307	2,20920
19659	4,29356,14227	2,20908
19660	4,29358,35135	2,20897
19661	4,29360,56032	2,20886
19662	4,29362,76918	2,20874
19663	4,29364,97792	2,20863
19664	4,29367,18655	2,20852
19665	4,29369,39507	2,20841
19666	4,29371,60348	2,20830
19667	4,29373,81178	2,20818
19668	4,29376,01996	2,20807
19669	4,29378,22803	2,20796
19670	4,29380,43599	2,20785
19671	4,29382,64384	2,20773
19672	4,29384,85157	2,20763
19673	4,29387,05920	2,20751
19674	4,29389,26671	2,20739
19675	4,29391,47410	2,20729
19676	4,29393,68139	2,20717
19677	4,29395,88856	2,20706
19678	4,29398,09562	2,20695
19679	4,29400,30257	2,20684
19680	4,29402,50941	2,20672
19681	4,29404,71613	2,20662
19682	4,29406,92275	2,20650
19683	4,29409,12925	2,20639
19684	4,29411,33564	2,20627
19685	4,29413,54191	2,20617
19686	4,29415,74808	2,20605
19687	4,29417,95413	2,20594
19688	4,29420,16007	2,20583
19689	4,29422,36590	2,20571
19690	4,29424,57161	2,20561
19691	4,29426,77722	2,20549
19692	4,29428,98271	2,20538
19693	4,29431,18809	2,20527
19694	4,29433,39336	2,20515
19695	4,29435,59851	2,20505
19696	4,29437,80356	2,20493
19697	4,29440,00849	2,20482
19698	4,29442,21331	2,20471
19699	4,29444,41802	2,20460
19700	4,29446,62262	2,20448

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Num.	Logarithmi	Differ.
19701	4,29448,82710	2,20437
19702	4,29451,03147	2,20426
19703	4,29453,23573	2,20415
19704	4,29455,43988	2,20404
19705	4,29457,64392	2,20393
19706	4,29459,84785	2,20381
19707	4,29462,05166	2,20370
19708	4,29464,25536	2,20359
19709	4,29466,45895	2,20348
19710	4,29468,66243	2,20336
19711	4,29470,86579	2,20326
19712	4,29473,06905	2,20314
19713	4,29475,27219	2,20303
19714	4,29477,47522	2,20292
19715	4,29479,67814	2,20281
19716	4,29481,88095	2,20269
19717	4,29484,08364	2,20259
19718	4,29486,28623	2,20247
19719	4,29488,48870	2,20236
19720	4,29490,69106	2,20225
19721	4,29492,89331	2,20214
19722	4,29495,09545	2,20202
19723	4,29497,29747	2,20192
19724	4,29499,49939	2,20180
19725	4,29501,70119	2,20169
19726	4,29503,90288	2,20158
19727	4,29506,10446	2,20147
19728	4,29508,30593	2,20135
19729	4,29510,50728	2,20125
19730	4,29512,70853	2,20113
19731	4,29514,90966	2,20102
19732	4,29517,11068	2,20091
19733	4,29519,31159	2,20080
19734	4,29521,51239	2,20068
19735	4,29523,71307	2,20058
19736	4,29525,91365	2,20046
19737	4,29528,11411	2,20035
19738	4,29530,31446	2,20024
19739	4,29532,51470	2,20013
19740	4,29534,71483	2,20002
19741	4,29536,91485	2,19991
19742	4,29539,11476	2,19979
19743	4,29541,31455	2,19969
19744	4,29543,51424	2,19957
19745	4,29545,71381	2,19946
19746	4,29547,91327	2,19935
19747	4,29550,11262	2,19923
19748	4,29552,31185	2,19913
19749	4,29554,51098	2,19902
19750	4,29556,71000	2,19890

Chilias 20.

Num.	Logarithmi	Differ.
19751	4,29558,90890	2,19879
19752	4,29561,10769	2,19868
19753	4,29563,30637	2,19857
19754	4,29565,50494	2,19846
19755	4,29567,70340	2,19835
19756	4,29569,90175	2,19823
19757	4,29572,09998	2,19813
19758	4,29574,29811	2,19801
19759	4,29576,49612	2,19791
19760	4,29578,69403	2,19779
19761	4,29580,89182	2,19768
19762	4,29583,08950	2,19756
19763	4,29585,28706	2,19746
19764	4,29587,48452	2,19735
19765	4,29589,68187	2,19723
19766	4,29591,87910	2,19713
19767	4,29594,07623	2,19701
19768	4,29596,27324	2,19690
19769	4,29598,47014	2,19679
19770	4,29600,66693	2,19668
19771	4,29602,86361	2,19657
19772	4,29605,06018	2,19646
19773	4,29607,25664	2,19634
19774	4,29609,45298	2,19624
19775	4,29611,64922	2,19612
19776	4,29613,84534	2,19601
19777	4,29616,04135	2,19591
19778	4,29618,23726	2,19579
19779	4,29620,43305	2,19568
19780	4,29622,62873	2,19556
19781	4,29624,82429	2,19546
19782	4,29627,01975	2,19535
19783	4,29629,21510	2,19524
19784	4,29631,41034	2,19512
19785	4,29633,60546	2,19501
19786	4,29635,80047	2,19491
19787	4,29637,99538	2,19479
19788	4,29640,19017	2,19468
19789	4,29642,38485	2,19457
19790	4,29644,57942	2,19446
19791	4,29646,77388	2,19435
19792	4,29648,96823	2,19424
19793	4,29651,16247	2,19412
19794	4,29653,35659	2,19402
19795	4,29655,55061	2,19390
19796	4,29657,74451	2,19380
19797	4,29659,93831	2,19368
19798	4,29662,13199	2,19357
19799	4,29664,32556	2,19347
19800	4,29666,51903	2,19335

Num.	Logarithmi	Differ.
19801	4,29668,71238	2,19324
19802	4,29670,90562	2,19313
19803	4,29673,09875	2,19302
19804	4,29675,29177	2,19290
19805	4,29677,48467	2,19280
19806	4,29679,67747	2,19269
19807	4,29681,87016	2,19257
19808	4,29684,06273	2,19247
19809	4,29686,25520	2,19235
19810	4,29688,44755	2,19225
19811	4,29690,63980	2,19213
19812	4,29692,83193	2,19202
19813	4,29695,02395	2,19192
19814	4,29697,21587	2,19180
19815	4,29699,40767	2,19169
19816	4,29701,59936	2,19158
19817	4,29703,79094	2,19147
19818	4,29705,98241	2,19136
19819	4,29708,17377	2,19124
19820	4,29710,36501	2,19114
19821	4,29712,55615	2,19103
19822	4,29714,74718	2,19092
19823	4,29716,93810	2,19080
19824	4,29719,12890	2,19070
19825	4,29721,31960	2,19058
19826	4,29723,51018	2,19048
19827	4,29725,70066	2,19036
19828	4,29727,89102	2,19026
19829	4,29730,08128	2,19014
19830	4,29732,27142	2,19003
19831	4,29734,46145	2,18993
19832	4,29736,65138	2,18981
19833	4,29738,84119	2,18970
19834	4,29741,03089	2,18959
19835	4,29743,22048	2,18948
19836	4,29745,40996	2,18937
19837	4,29747,59933	2,18926
19838	4,29749,78859	2,18915
19839	4,29751,97774	2,18904
19840	4,29754,16678	2,18893
19841	4,29756,35571	2,18882
19842	4,29758,54453	2,18871
19843	4,29760,73324	2,18860
19844	4,29762,92184	2,18848
19845	4,29765,11032	2,18838
19846	4,29767,29870	2,18827
19847	4,29769,48697	2,18816
19848	4,29771,67513	2,18804
19849	4,29773,86317	2,18794
19850	4,29776,05111	2,18783

Num.	Logarithmi	Differ.
19851	4,29778,23894	2,18771
19852	4,29780,42665	2,18761
19853	4,29782,61426	2,18749
19854	4,29784,80175	2,18739
19855	4,29786,98914	2,18728
19856	4,29789,17642	2,18716
19857	4,29791,36358	2,18706
19858	4,29793,55064	2,18694
19859	4,29795,73758	2,18684
19860	4,29797,92442	2,18672
19861	4,29800,11114	2,18662
19862	4,29802,29776	2,18650
19863	4,29804,48426	2,18639
19864	4,29806,67065	2,18629
19865	4,29808,85694	2,18617
19866	4,29811,04311	2,18607
19867	4,29813,22918	2,18595
19868	4,29815,41513	2,18585
19869	4,29817,60098	2,18573
19870	4,29819,78671	2,18563
19871	4,29821,97234	2,18551
19872	4,29824,15785	2,18540
19873	4,29826,34325	2,18530
19874	4,29828,52855	2,18518
19875	4,29830,71373	2,18508
19876	4,29832,89881	2,18496
19877	4,29835,08377	2,18486
19878	4,29837,26863	2,18474
19879	4,29839,45337	2,18464
19880	4,29841,63801	2,18452
19881	4,29843,82253	2,18442
19882	4,29846,00695	2,18430
19883	4,29848,19125	2,18420
19884	4,29850,37545	2,18408
19885	4,29852,55953	2,18398
19886	4,29854,74351	2,18386
19887	4,29856,92737	2,18376
19888	4,29859,11113	2,18365
19889	4,29861,29478	2,18353
19890	4,29863,47831	2,18343
19891	4,29865,66174	2,18332
19892	4,29867,84506	2,18320
19893	4,29870,02826	2,18310
19894	4,29072,21136	2,18299
19895	4,29874,39435	2,18288
19896	4,29876,57723	2,18276
19897	4,29878,75999	2,18266
19898	4,29880,94265	2,18255
19899	4,29883,12520	2,18244
19900	4,29885,30764	2,18233

Num.	Logarithmi	Differ.
19901	4,29887,48997	2,18222
19902	4,29889,67219	2,18211
19903	4,29891,85430	2,18200
19904	4,29894,03630	2,18189
19905	4,29896,21819	2,18178
19906	4,29898,39997	2,18168
19907	4,29900,58165	2,18156
19908	4,29902,76321	2,18145
19909	4,29904,94466	2,18134
19910	4,29907,12600	2,18124
19911	4,29909,30724	2,18112
19912	4,29911,48836	2,18101
19913	4,29913,66937	2,18091
19914	4,29915,85028	2,18079
19915	4,29918,03107	2,18069
19916	4,29920,21176	2,18058
19917	4,29922,39234	2,18046
19918	4,29924,57280	2,18036
19919	4,29926,75316	2,18025
19920	4,29928,93341	2,18014
19921	4,29931,11355	2,18003
19922	4,29933,29358	2,17992
19923	4,29935,47350	2,17981
19924	4,29937,65331	2,17970
19925	4,29939,83301	2,17959
19926	4,29942,01260	2,17948
19927	4,29944,19208	2,17937
19928	4,29946,37145	2,17927
19929	4,29948,55072	2,17915
19930	4,29950,72987	2,17904
19931	4,29952,90891	2,17894
19932	4,29955,08785	2,17883
19933	4,29957,26668	2,17871
19934	4,29959,44539	2,17861
19935	4,29961,62400	2,17850
19936	4,29963,80250	2,17839
19937	4,29965,98089	2,17828
19938	4,29968,15917	2,17817
19939	4,29970,33734	2,17806
19940	4,29972,51540	2,17795
19941	4,29974,69335	2,17784
19942	4,29976,87119	2,17774
19943	4,29979,04893	2,17762
19944	4,29981,22655	2,17751
19945	4,29983,40406	2,17741
19946	4,29985,58147	2,17730
19947	4,29987,75877	2,17718
19948	4,29989,93595	2,17708
19949	4,29992,11303	2,17697
19950	4,29994,29000	2,17686

Num.	Logarithmi	Differ.
19951	4,29996,46686	2,17675
19952	4,29998,64361	2,17665
19953	4,30000,82026	2,17653
19954	4,30002,99679	2,17642
19955	4,30005,17321	2,17632
19956	4,30007,34953	2,17620
19957	4,30009,52573	2,17610
19958	4,30011,70183	2,17599
19959	4,30013,87782	2,17588
19960	4,30016,05370	2,17576
19961	4,30018,22946	2,17567
19962	4,30020,40513	2,17555
19963	4,30022,58068	2,17544
19964	4,30024,75612	2,17533
19965	4,30026,93145	2,17523
19966	4,30029,10668	2,17511
19967	4,30031,28179	2,17501

Num.	Logarithmi	Differ.
19968	4,30033,45680	2,17490
19969	4,30035,63170	2,17479
19970	4,30037,80649	2,17468
19971	4,30039,98117	2,17457
19972	4,30042,15574	2,17446
19973	4,30044,33020	2,17435
19974	4,30046,50455	2,17425
19975	4,30048,67880	2,17413
19976	4,30050,85293	2,17403
19977	4,30053,02696	2,17392
19978	4,30055,20088	2,17381
19979	4,30057,37469	2,17370
19980	4,30059,54839	2,17359
19981	4,30061,72198	2,17348
19982	4,30063,89546	2,17338
19983	4,30066,06884	2,17326
19984	4,30068,24210	2,17316

Num.	Logarithmi	Differ.
19984	4,30068,24210	2,17316
19985	4,30070,41526	2,17305
19986	4,30072,58831	2,17294
19987	4,30074,76125	2,17283
19988	4,30076,93408	2,17272
19989	4,30079,10680	2,17261
19990	4,30081,27941	2,17251
19991	4,30083,45192	2,17239
19992	4,30085,62431	2,17229
19993	4,30087,79660	2,17218
19994	4,30089,96878	2,17207
19995	4,30092,14085	2,17196
19996	4,30094,31281	2,17185
19997	4,30096,48466	2,17174
19998	4,30098,65640	2,17164
19999	4,30100,82804	2,17153
20000	4,30102,99957	2,17141

In loca Erratorum, quæ in viginti Chiliadibus inter imprimendum irrepserunt, substituenda.

Num.	Logarithmi.
80	1,90308,99870
169	2,22788,67046
183	2,26245,10897
238	2,37657,69571
580	2,76342,79936
590	2,77085,20116
968	2,98587,53573
1239	3,09307,13064
1298	3,11327,46925
1309	3,11693,96466
1321	3,12090,28176
1354	3,13161,86643
1359	3,13321,94567
1377	3,13893,39403
1626	3,21112,05413
2167	3,33585,89113
2434	3,38632,05739
2534	3,40380,66105
2544	3,40551,71070
3329	3,52231,37952
3499	3,54394,39425
4599	3,66266,34096
4906	3,69072,75439
5126	3,70977,86018
5194	3,71550,19453
5222	3,71783,68675
6197	3,79218,14961
6207	3,79288,17454
6257	3,79636,61550
6841	3,83511,95904
6941	3,84142,20444
6957	3,84242,20034
7775	3,89070,03977
7830	3,89376,17621
8077	3,90725,00829
8556	3,93227,07759
8642	3,93661,42620
8692	3,93911,97176
8832	3,94605,90604
9174	3,96255,87358

Num.	Logarithmi.
9176	3,96265,34049
9182	3,96293,72884
9317	3,96927,60955
9354	3,97099,73656
9429	3,97446,56357
9480	3,97680,83373
9482	3,97689,99510
9706	3,98704,02870
9972	3,99878,22698
9973	3,99882,58190
10058	4,00251,16313
10061	4,00264,11490
10096	4,00414,93419
10292	4,01249,97775
10847	4,03530,96402
10859	4,03578,98331
11003	4,04151,11129
11332	4,05430,65658
11440	4,05842,60245
11469	4,05952,55527
11920	4,07627,62554
11955	4,07754,95805
12328	4,09089,26257
12398	4,09335,16320
13274	4,12300,18133
14020	4,14674,80136
14527	4,16217,59365
14763	4,16917,46198
14786	4,16985,07019
15306	4,18486,17090
15843	4,19983,74222
16461	4,21645,62149
17509	4,24326,13427
17773	4,24976,07409
17780	4,24993,17566
19009	4,27895,92707
19107	4,28119,25036
19113	4,28132,88598
19195	4,28318,81165

Num.	Differen.
580	74,81388
638	68,01795
1343	32,32560
2324	18,68335
2325	18,67532
2966	14,63996
3353	12,95049
3750	11,57965
4279	10,14825
4801	9,04497
6196	7,00870
6200	7,00418
6219	6,98279
6299	6,89412
7144	6,07872
8155	5,32517
8691	4,99677
8823	4,92202
9552	4,54639
10484	4,14225
11219	3,87089
11273	3,85235
11532	3,76583
12200	3,55964
12220	3,55382
13924	3,11892
13950	3,11311
14593	2,97594
14627	2,96903
14694	2,95549
14778	2,93869
15288	2,84067
16175	2,68489
16281	2,66741
16640	2,60986
16866	2,57489
17459	2,48744
17918	2,42372
17996	2,41322
19429	2,23523

Pro Differentiâ intellige Differentiam Logarithmi Numeri è regione positi, & proximè sequentis.